



SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Kaikkurichi, Pudukkottai -622 303

www.sbec.edu.in

NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women



Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

SCIENCE AND HUMANITIES

PROBLEM SOLVING

| Activity | Number of Students Attended | Page No. |
|--------------------------------|-----------------------------|----------|
| Tutorial | 36 | 3 |
| TOTAL STUDENTS ATTENDED | 36 | - |



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

SCIENCE AND HUMANITIES

PROBLEM SOLVING

TUTORIAL



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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR (2020-2021)-ODD SEMESTER

PROBLEM SOLVING METHOD

| SL.NO | REG.NO | NAME | YEAR/SEC | LEARNING METHOD |
|-------|--------------|-----------------|----------|---|
| 1. | 912620104001 | AKALYA S | I/A | PROBLEM SOLVING METHOD-TUTORIAL GE8151- Problem solving python programming |
| 2. | 912620104002 | HEMA V | I/A | |
| 3. | 912620104003 | ISWARYA R | I/A | |
| 4. | 912620104004 | KALAIVANI S | I/A | |
| 5. | 912620104005 | KALPANA K | I/A | |
| 6. | 912620104006 | MAHALAKSHMI P | I/A | |
| 7. | 912620104007 | MEIYYAMMAL M | I/A | |
| 8. | 912620104008 | NANDHINI P | I/A | |
| 9. | 912620104009 | PRASANNA DEVI P | I/A | |
| 10. | 912620104010 | PRISHIYA E | I/A | |
| 11. | 912620104011 | ROHINI M | I/A | |
| 12. | 912620104012 | ROSAMMAL M | I/A | |
| 13. | 912620104013 | ROSHIKA K | I/A | |
| 14. | 912620104014 | SABHA AYSHA S | I/A | |
| 15. | 912620104015 | SATHIYASRI P | I/A | |
| 16. | 912620104016 | SIVAGAMI D | I/A | |
| 17. | 912620104017 | SIVAHARINI S | I/A | |
| 18. | 912620104018 | SUBASHINI C | I/A | |
| 19. | 912620104019 | SUBASHINI M | I/A | |
| 20. | 912620104020 | SWETHA D | I/A | |
| 21. | 912620104021 | VANATHI T | I/A | |
| 22. | 912620104022 | VINCIYA MARY S | I/A | |
| 23. | 912620103001 | ASWINI T | I/B | |
| 24. | 912620103002 | GEETHA M | I/B | |
| 25. | 912620103003 | KEERTHI S | I/B | |
| 26. | 912620103004 | SUBATHRA S | I/B | |
| 27. | 912620106001 | ABIRAMI S | I/B | |
| 28. | 912620106002 | ANUSHYA M | I/B | |
| 29. | 912620106003 | ARTHI S | I/B | |
| 30. | 912620106004 | JEYASRI K | I/B | |
| 31. | 912620106005 | RISHVANA BANU S | I/B | |
| 32. | 912620106006 | SENPAGAHARINI V | I/B | |
| 33. | 912620106007 | SONIYA P | I/B | |
| 34. | 912620105001 | KAYALVIZHI K | I/B | |
| 35. | 912620105002 | RAMADEVI S | I/B | |
| 36. | 912620105003 | SRINANTHANA S | I/B | |

Name and signature of the faculty Incharge

Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL

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HOD/S&H/H

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ACADEMIC YEAR 2020 – 2021(ODD SEMESTER)

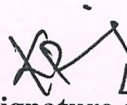
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Tutorial Question Paper


| | | | | | | |
|---------------|--------|------------------|------------------------------------|---------------------|------------|----|
| Tutorial – 01 | | | Date of Issue: | 30.11.2020 | Marks | 10 |
| Course code | GE8151 | Course Title | Problem solving python programming | | | |
| Year | I | Semester/Section | I / B | Date of Submission: | 02.12.2021 | |

| Q.No | Questions | CO |
|------|--|--------|
| 1 | Draw a flowchart to count and print from 1 to 10. | C105.1 |
| 2 | Write an algorithm and draw a flowchart to calculate 2^4 | C105.1 |
| 3 | Recursive algorithm for factorial of number | C105.1 |
| 4 | Python program to check whether the given number is even or not. | C105.1 |

Name and Signature of the Faculty Incharge


[K. Priyanga]


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ACADEMIC YEAR 2020 – 2021(ODD SEMESTER)

DEPARTMENT OF SCIENCE AND HUMANITIES

Tutorial Answer Sheet

Name of the Student : *S. Arthi*

AU Register Number: *912620106003*

| | | | | | | |
|---------------|--------|------------------|------------------------------------|---------------------|------------|----|
| Tutorial – 01 | | | Date of Issue: | 30.11.2020 | Marks | 10 |
| Course code | GE8151 | Course Title | Problem solving python programming | | | |
| Year | 1 | Semester/Section | I/B | Date of Submission: | 02.12.2021 | |

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| 1 | Draw a flowchart to count and print from 1 to 10. | C105.1 |
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| 3 | Recursive algorithm for factorial of number | C105.1 |
| 4 | Python program to check whether the given number is even or not | C105.1 |

Mark Allocation

| Rubrics | Marks Allocated | Marks obtained |
|--------------------------|-----------------|----------------|
| Problem solving approach | 6 | 5 |
| Correctness of Answer | 2 | 4 |
| Timely submission | 2 | 4 |
| Total marks | 10 | 9 |

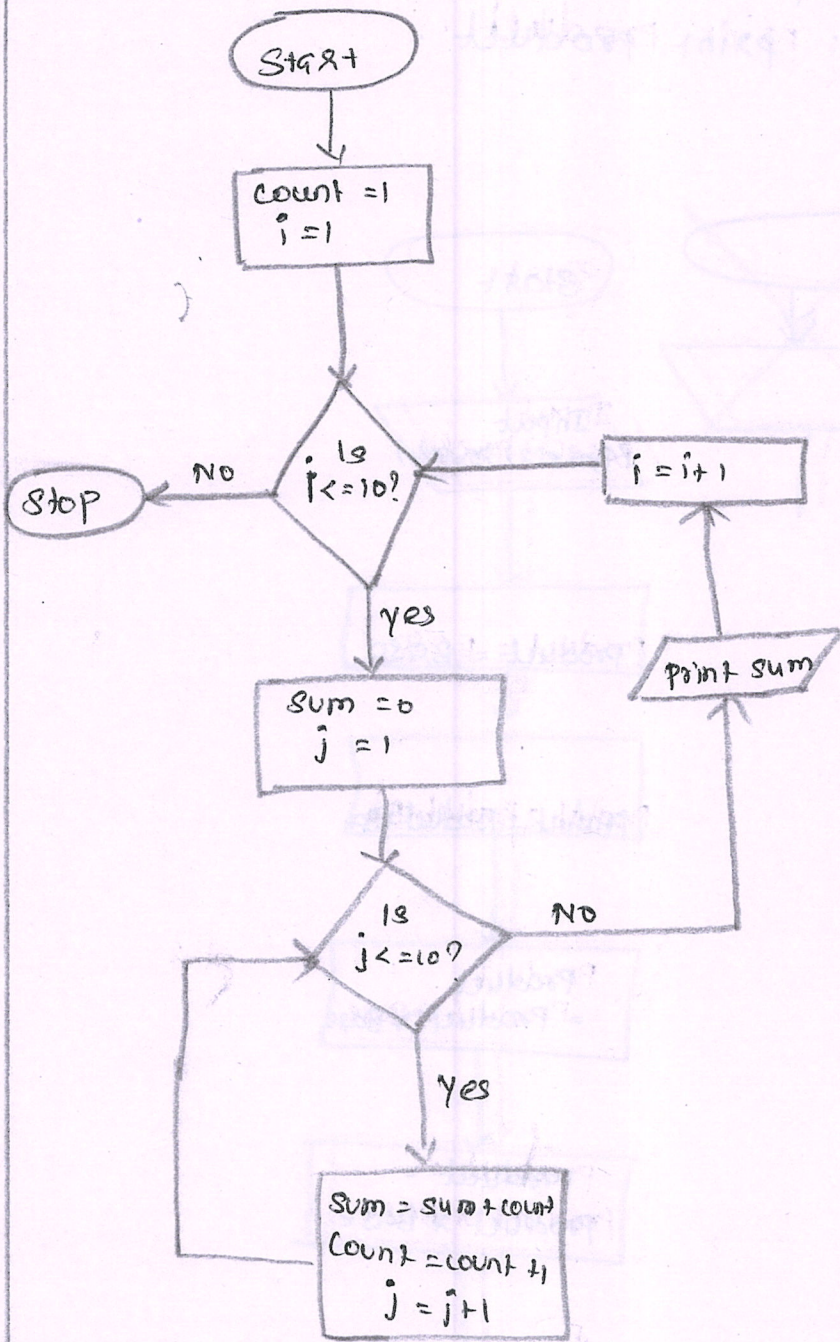
Name and Signature of the Faculty Incharge

(K. Priyanga)

(Signature)
Dr. S. THILAGAVATHI M.E., Ph.D.,
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1. Ans:



2.

Ans:

Algorithm :-

Step 1: Input Base (2), Power (4)

Step 2: Product = Base

Step 3: Product = Product * Base

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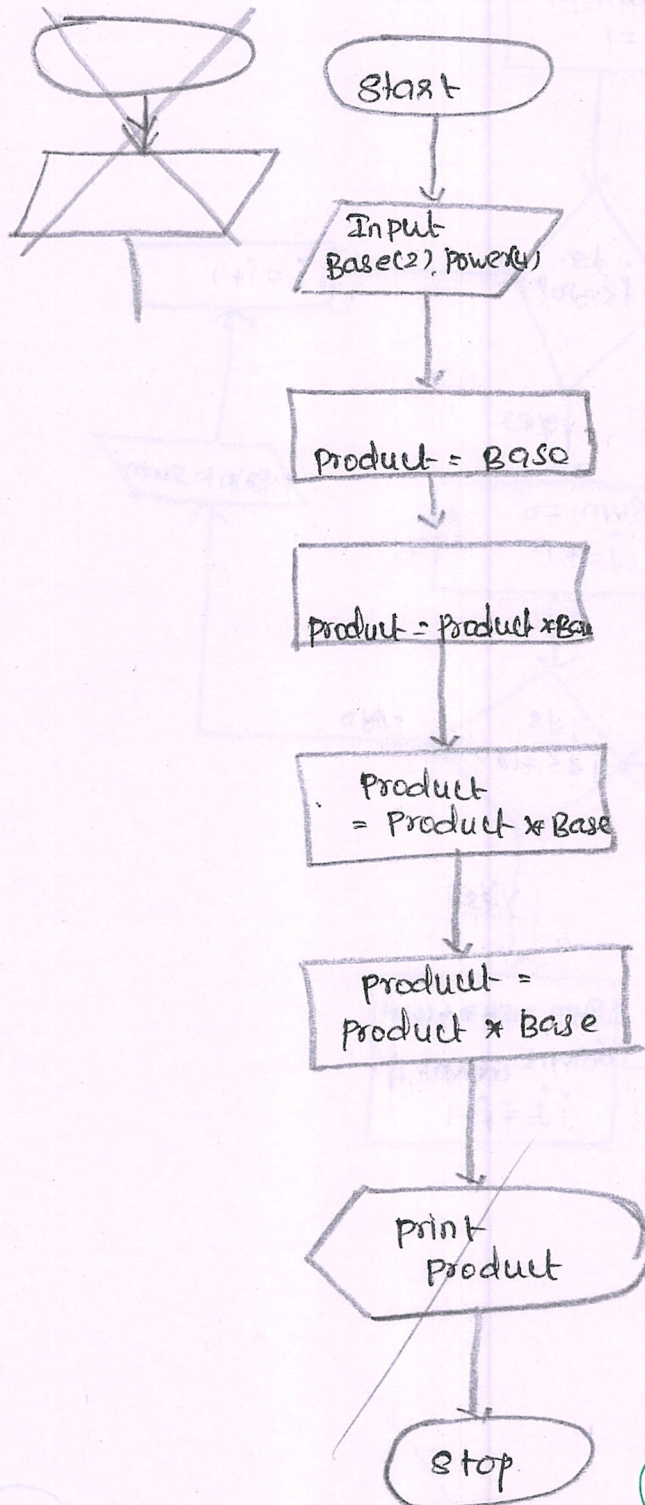
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Step 4: $product = product * Base$

Step 5: $product = product * Base$

Step 6: print product.

Flowchart :-



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3.

Ans:

Step 1: start
Step 2: Read number n
Step 3: call factorial(n)
Step 4: Print factorial f
Step 5: stop

factorial (n)

step 1: If $n = 1$ Then return 1

step 2: Else

$f = n * \text{factorial}(n-1)$

step 3: Return f.

4.

Ans:

number = input ("Enter a number: ")

$x = \text{int}(\text{number}) \% 2$

if $x == 0$:

Print ("The number is even.")

else

Print ("The number is odd.")

out put

Enter a number: 7

The number is odd

Enter a number: 6

The number is even.


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