# *OPERATING SYSTEM LAB ASSIGNMENT – IV*

# 4ITRC2

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BE II Year

Information Technology ‘A’

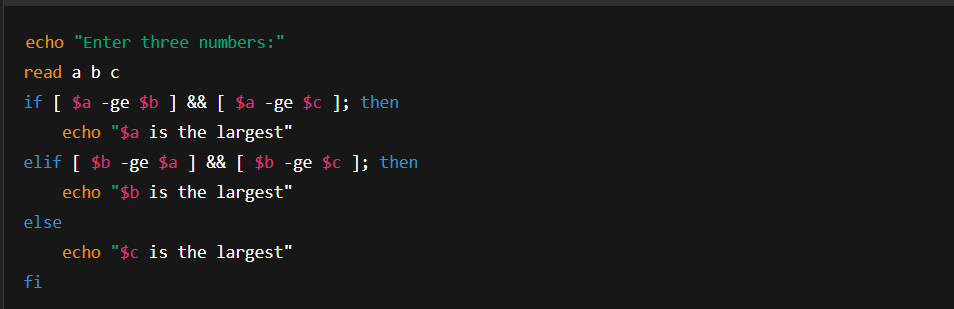
# **Aim:**

To create shell scripts for the following questions

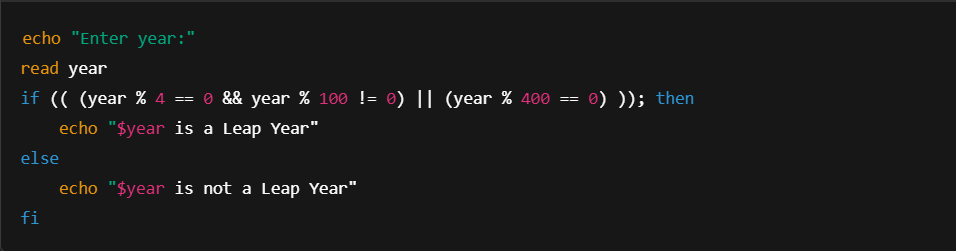
# **To perform:**

To code and solve the following

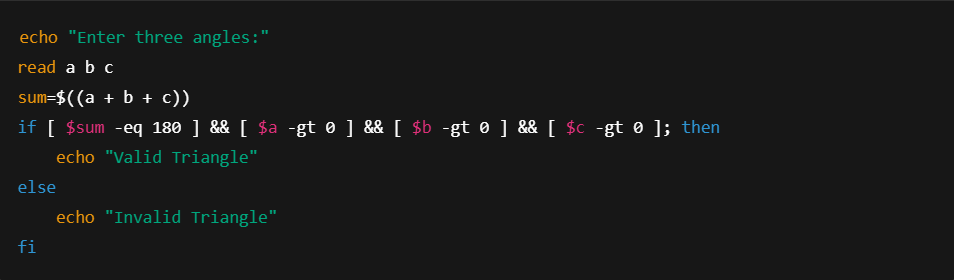
1. **To find Largest of Three Numbers**



**2. To find a year is leap year or not.**



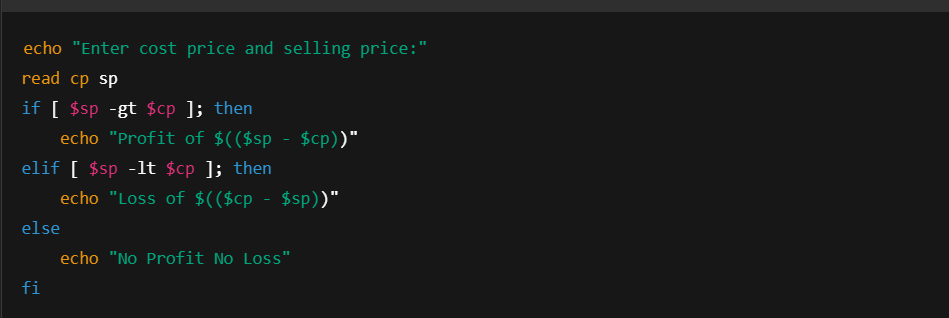
**3.** **To input angles of a triangle and find out whether it is valid triangle or not**

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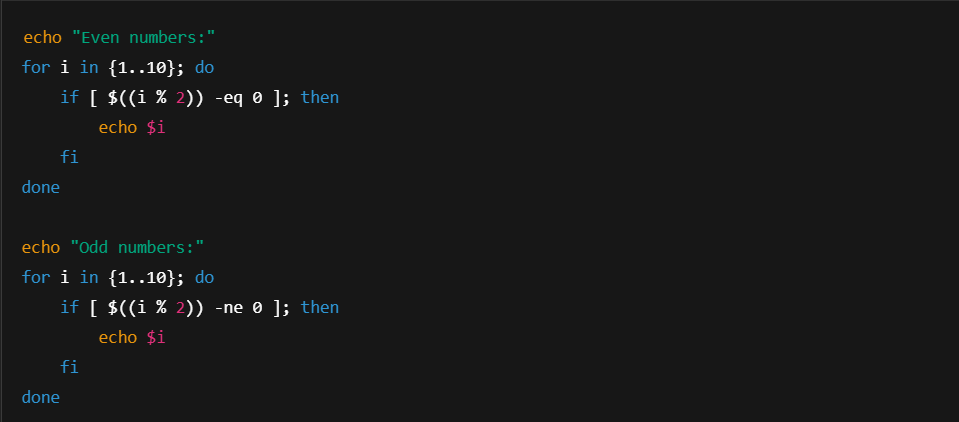
**4.** **To check whether a character is alphabet, digit or special character.**

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**5.** **To calculate profit or loss**

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**6.** **To print all even and odd number from 1 to 10**



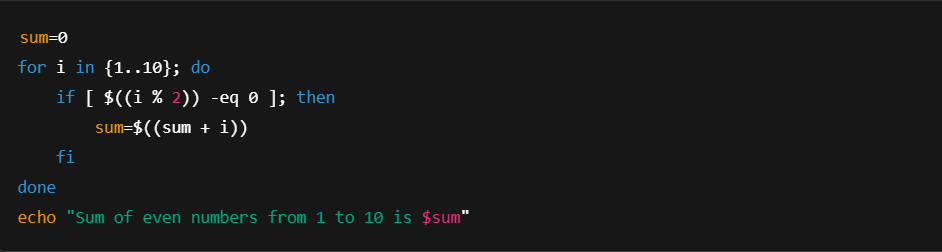
**7. To print table of a given number**

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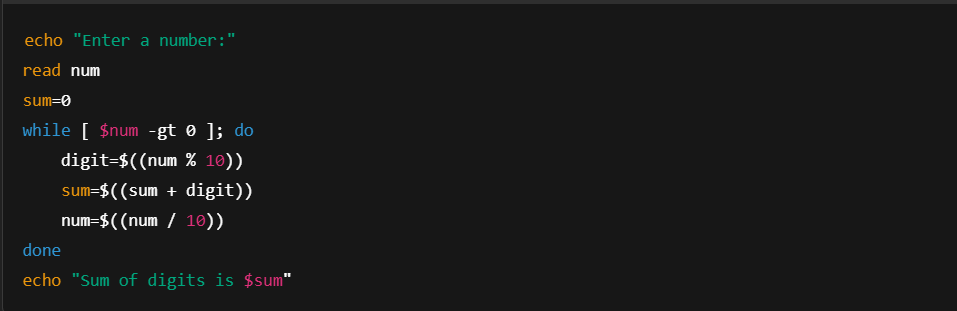
**8.** **To find factorial of a given integer**

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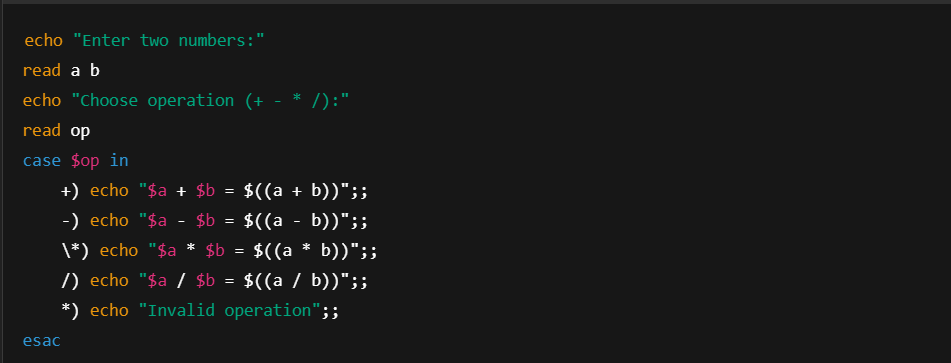
**9.** **To print sum of all even numbers from 1 to 10**

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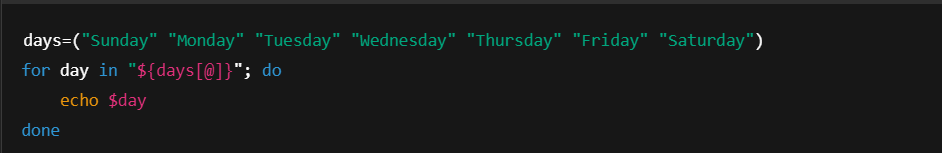
**10.** **To print sum of digit of any number.**

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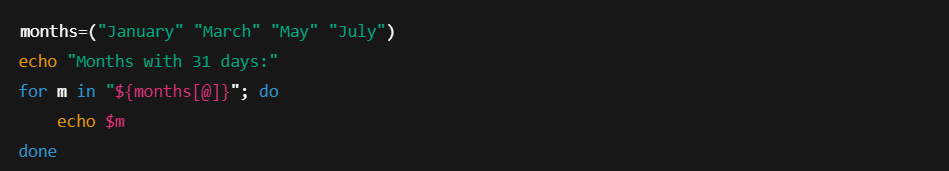
**11.** **To make a basic calculator which performs addition, subtraction, Multiplication, division**

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**12.** **. To print days of a week.**

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**13.** **To print starting 4 months having 31 days.**

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**14.** **Using functions**

a. To find given number is Amstrong number or not

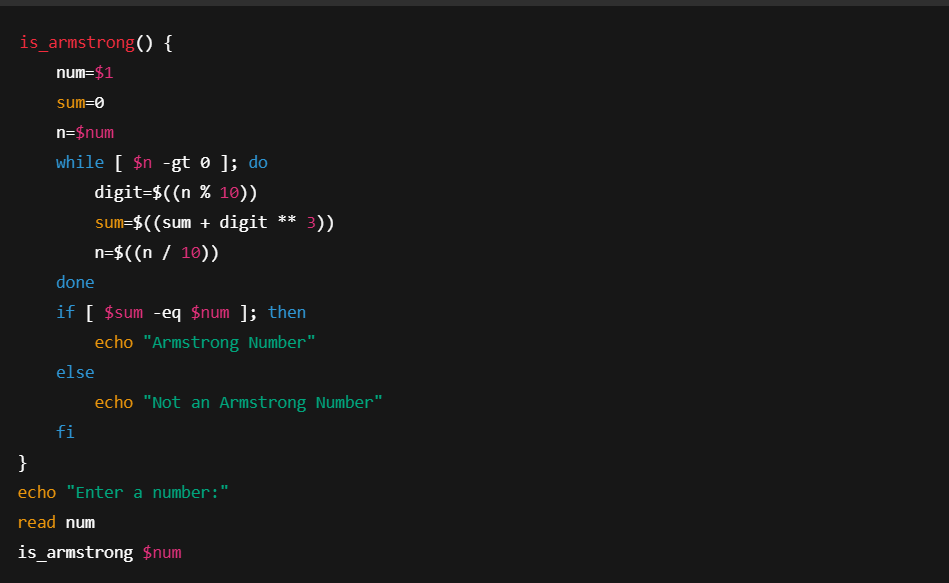
b. To find whether a number is palindrome or not

c. To print Fibonacci series upto n terms

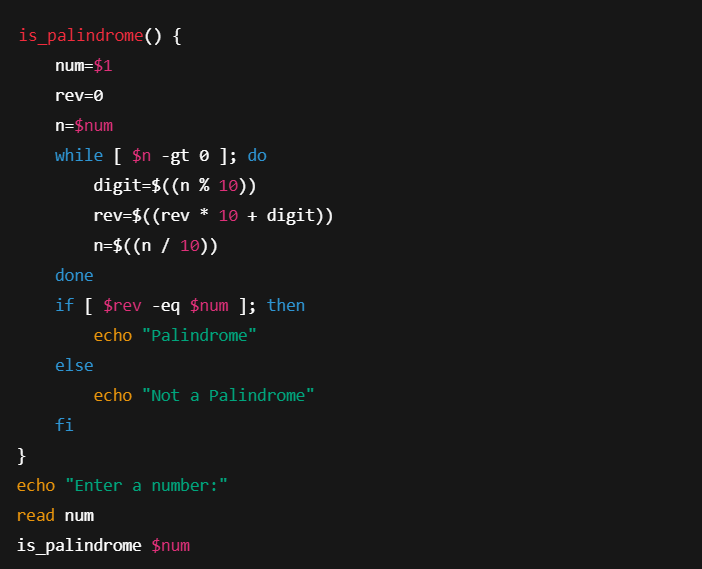
d. To find given number is prime or composite

e. To convert a given decimal number to binary equivalent

a.



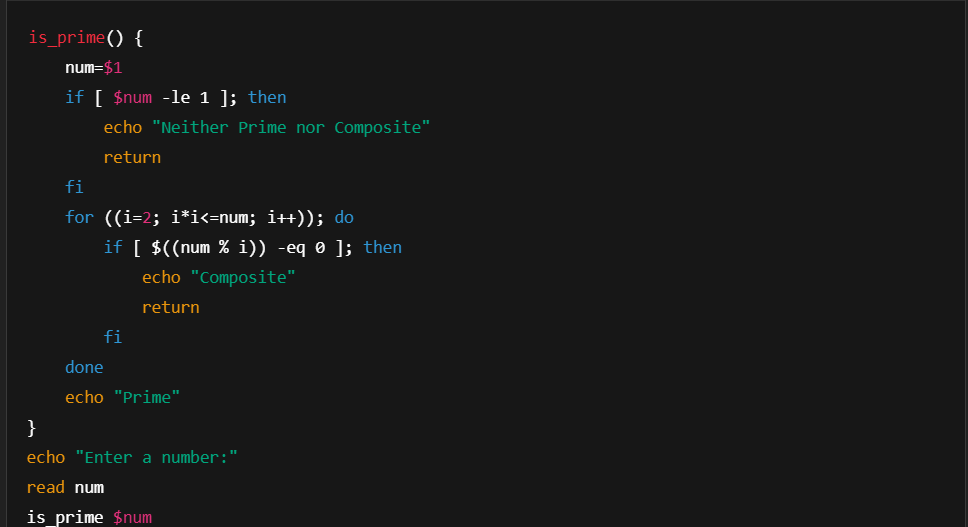
b.



c.



d.



e.

