INDEX

-BY SHIVANSH GROVER

-CLASS- XI-A

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| 1. WAP to display the message ‘My first program’ on the screen. |
| 1. WAP to display your name, and address on the computer screen. |
| 1. WAP to input the values of Voltage and Resistance and calculate corresponding Current. |
| 1. WAP to input the values of Principal, Rate, and Time and calculate SI and CI. |
| 1. WAP which will raise any number *x* to a positive power *n*. Obtain values of *x* and *n* from the user. |
| 1. WAP to input principal amount and time. If time is more than 10 years, calculate the simple interest with rate 8%. Otherwise calculate it with rate 12% per annum. |
| 1. WAP to input a number. If the number is even, print its square, otherwise print its cube. |
| 1. WAP to find the roots of a quadratic equation. |
| 1. WAP to input choice (1 or 2). If the choice is 1, print the area of a circle otherwise print the perimeter of a circle. Accept the radius of the circle from the user. |
| 1. WAP that reads in a character <ch> from the keyboard and then displays one of the following messages: |
| * 1. If <ch> is a lower case alphabet, the message |
| “*The upper case character corresponding to <ch> is* …” |
| * 1. If <ch> is an upper case alphabet, the message |
| “*The lower case character corresponding to <ch> is* …” |
| * 1. If <ch> is not an alphabet, the message |
| “*<ch> is* *not an alphabet*” |
| 1. Write a menu driven program to calculate the total surface area and volume of a cube, cuboid, or sphere depending upon user’s choice. The program should continue until the user selects the option to exit the program. |
| 1. WAP to input a number. If the number is negative, then again input the number. Keep on doing so until the user enters a positive number. |
| 1. WAP to input two numbers *m* and *n*. Then display first *m* multiples of *n*. |
| 1. WAP to input 10 numbers and then display their sum and average. Also display the largest and the smallest of the numbers entered. |
| 1. WAP to input two numbers and find their LCM and HCF. |
| 1. Write a program to input a number and check whether it is a prime or not. |
| 1. WAP to display all the prime numbers between m and n, where m and n have to be input from the user. |
| 1. WAP to input a list of n number and count how many of the entered numbers were prime. |
| 1. WAP to input a number and check whether it is palindrome or not. |
| 1. WAP to input a list of n number and count how many of the entered numbers were palindrome. |
| 1. WAP to find the sum of first n terms of the following series: |
| x + x2 + x3 + . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| x - x2 + x3 + . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| 1+ x + C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps75C.tmp.png + C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps75D.tmp.png+ . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| 1+ x + C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps75E.tmp.png + C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps77E.tmp.png+ . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| 1- x + C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps77F.tmp.png - C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps780.tmp.png+ . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| 1+C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps781.tmp.png+ C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps782.tmp.png+ C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps783.tmp.png . . . |
| 1. WAP to find the sum of first n terms of the following series: |
| 1-C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps794.tmp.png+ C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps795.tmp.png- C:\Users\NUPURG~1\AppData\Local\Temp\ksohtml\wps796.tmp.png . . . |
| 1. WAP to generate n lines of the following pattern on the computer screen: |
| 1 |
| 12 |
| 123 |
| . |
| . |
| 1. WAP to generate n lines of the following pattern on the computer screen: |
| 1 |
| 12 |
| 123 |
| . |
| . |
| 1. WAP to generate n lines of the following pattern on the computer screen: |
| 1 |
| 121 |
| 12321 |
| 1234321 |
| . |
| . |