

Lab Assignment 4 (switch , for loop)

Q1. WAP to detect even or odd using nested switch statement.

Q2. WAP to print first 10 number starting 1 together with their squares.

Q3. WAP to print Character A to Z with its ASCII value.

Q4. WAP to print all even number from 1 to n. { n input by user }

Q5. WAP to count number 1 to 50 that not divisible by 2,3,5.

Q5. WAP to find the number in between 7 to 100 which is exactly divisible by 4 and if divided by 5 and 6 remainder obtain should be 3;

Q6. WAP to print perfect square from 1 to 100.

Q7.WAP to detect largest number out of 10 number and display it.

Q8. WAP to detect smallest number out of 10 number and display it.

Q9. WAP print entered 10 number in ascending order .

Q10.WAP to make menu driven program with following option

*****MENU*****

1.Detect entered number is Prime number or not

2.Check Armstrong number .

3.print Fibonacci series from 1 to n.

4. Calculate factorial of given number

5.Exit

*****END*****

Q11 Write a program to generate all combinations of 1, 2 and 3 using **for** loop .

Q12.WAP to evaluate the following series

a. $1/1! + 2/2! + 3/3! + \dots + n$

b. $1+3+5+\dots$

Q13. WAP to read number n and generate the number in following way. if entered number is 5 the output will be

5 4 3 2 1 0 1 2 3 4 5

Q14. WAP to display ASCII number of their equivalent entered number by user till user not pressed "N".

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