

Computer 2nd Year Short and Long Question

Chapter No 12 Short Question

1	What is Loop? Write name different types of loop.
2	What is difference between while and do-while loops.
3	Write is difference between a while and for loop.
4	What is sentinel controlled loop?
5	What is “continue” statement? Explain with example.
6	What is “break” statement? Explain with example.
7	What is “goto” statement? Write its general form.

Chapter No 12 Long Question

1	What is “While” loop? Explain its syntax and Working with Example.
2	What is “Do While” loop? Explain its syntax and Working with Example.
3	What is “for” loop? Explain its syntax and Working with Example.
4	What is “nested” loop? Explain its syntax and Working with Example.

Chapter No 12 Program

1	Write a program that displays first five numbers and their sum using while loop.
2	Write program that displays first five numbers with their squares using while loop.
3	Write a program that inputs starting and ending number from the user and then display all even numbers in the given range using while loop.
4	Write a program that inputs a number from the user and displays a table of that number using while loop.
5	Write a program that displays the following series using while loop. 1 3 5 7 9 11 13 15 17 19 21 23
6	Write a program that inputs a number from the user and displays the factorial of that number using while loop.
7	Write a program that displays the sum of the following series using while loop. $1+1/2+1/4+1/6+.....+1/100$
8	Write a program that gets two numbers from the user and displays the result of first number raise to the power of second number using do while loop.
9	Write a program that displays the sum of the following series using while loop. $1+1/3+1/5+1/7+.....+1/99$
10	Write program that displays 1 to 100 even numbers using for loop.
11	Write a program to print the sum of odd numbers between 1 and 100. $\text{Sum}=1+3+5+7+.....+99$
12	Write a program that displays product of all odd numbers 1 to 10 using for loop.
13	Write a program that finds the sum of the squares of the integers form 1 to n. where n is a positive value entered by the user (i.e $\text{Sum}=1^2+2^2+2^2+.....+n^2$).