

computer Class - VIII

Q. Write a program, an algorithm and draw a flowchart for the following: —

1. $S = 1 + 8 + 27 + 64 + 125 + \dots + 1000$

2. $S = \frac{1}{2} + \frac{2}{3} + \frac{3}{4} + \frac{4}{5} + \dots + \frac{n}{(n+1)}$

3. To input name and age of 10 person and calculate average age.

4. To input name of a student and marks of 10 subjects and calculate marks percent and check the following:

mark%	Remarks
40% - 100%	Pass
0% - 39%	Fail.

5. To input a number and check whether it is Prime no., Composite no. or neither Prime nor Composite.

6. To input a number and check whether it is a Perfect number or not.

7. To print sum of ~~the~~ odd numbers and even numbers separately.

8. C
CO
COM
COMP
COMPU
COMPUT
COMPUTE
COMPUTER

9. VIRUS 10 I
VIRU N
VIR D
VI I
V A