

) WAP to print "hello world!" and explain each line.

2) WAP to calculate and print the area of a circle with diameter 25.

3) Write a program to print the following patterns:

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*  
  
* *  
  
* * *  
  
* * * *  
  
* * * * *  
  
      *  
  
    * * *  
  
* * * * *  
  
      * * *  
  
      *
```

4) Write a program to print the following output:

a)

Name: Your name

Roll no: Your Roll no

Faculty: Your Faculty

b)

Roll no: Your Roll no

* * * * *

Sub1: 97

Sub2: 8

Sub3: 100

~ ~ ~ ~ ~

Total: 205

Percentage: 67.33

5) WAP to print the value of PI. First find out the value using (22/7) then use "math.h" to find the value. Print both values, find the difference between them and print the difference. [From "math.h" use M_PI]

6) Using "math.h" and its pow (a,b) function find the compound interest. Make sure that you ask P, T, and R as user input. Print the compound interest up to 3 decimal places.

7) Write a program to take input as follows:

Enter your date of birth (mm-dd-yyyy):_____

Then print the output as:

Day: _____

Month: _____

Year: _____

8) Write a program to print the ASCII value of the following:

a) 'a'

b) 'A'

c) '?'

d) '='

e) '/'

9) WAP to print the salary including bonus, tax and commission. Use the pre-processor "define" for fixed values of TAX and Commission.