# **Practical 03**

04)

#include <stdio.h>

#define PI 3.14159

int main()

{

float ra,di,ci,ar;

//enter the radius from the user

printf("Enter the radius of the circle");

scanf("%f",&ra);

//calculate the diamerer,circumference and area

di=2\*ra;

ci=2\*PI\*ra;

ar=PI\*ra\*ra;

//print the results

printf("diameter: %.2f\n",di);

printf("circumfernce: %.2f\n",ci);

printf("area: %.2f\n",ar);

}

05)

#include <stdio.h>

int main()

{

int n1,n2;

printf("Enter 1st number: ");

scanf("%d",&n1);

printf("nter 2nd number: ");

scanf("%d",&n2);

//check if n1 is a multiple of n2

if(n2!=0 && n1%n2==0)

printf("%d is a multiple of %d\n",n1,n2);

else

printf("%d is not a multiple of %d\n",n1,n2);

}

06)

#include <stdio.h>

int main()

{

printf("Integer equivalents:\n");

// Uppercase letters

printf("Uppercase letters:\n");

printf("A: %d\n", 'A');

printf("B: %d\n", 'B');

printf("C: %d\n", 'C');

// Lowercase letters

printf("Lowercase letters:\n");

printf("a: %d\n", 'a');

printf("b: %d\n", 'b');

printf("c: %d\n", 'c');

// Digits

printf("Digits:\n");

printf("0: %d\n", '0');

printf("1: %d\n", '1');

printf("2: %d\n", '2');

// Special symbols

printf("Special symbols:\n");

printf("$: %d\n", '$');

printf("\*: %d\n", '\*');

printf("+: %d\n", '+');

printf("/: %d\n", '/');

}