**Assignment-2**

**Name-Asish kumar prusty**

1. #include<stdio.h>

int main()

{

printf("Asish kumar prusty-SOA University");

return 0;

}

Output-:

Asish kumar prusty-SOA Unversity

2. #include<stdio.h>

int main()

{

printf("Asish kumar prust\n8093524744\nasishkumar35242gmail.com");

return 0;

}

Output-:

Asish kumar prusty

8093524744

asishkumar35242gmail.com

3.#include<stdio.h>

int main ()

{

int a;

a=10;

float b;

b=1.5;

char c;

c='A';

printf("a=%d\n",a);

printf("b=%f\n",b);

printf("c=%c",c);

return 0;

}

Output-:

a=10

b=1.55

c=A

4.#include<stdio.h>

int main ()

{

int a,cube;

printf("Enter the number");

scanf("%d",&a);

cube=a\*a\*a;

printf("Cube of number is %d",cube);

return 0;

}

Output-:

Enter the number5

Cube of number is 125

5.#include<stdio.h>

int main ()

{

int a,b,c,d,e,sum;

printf("Enter the number of a");

scanf("%d",&a);

printf("Enter the number of b");

scanf("%d",&b);

printf("Enter the number of c");

scanf("%d",&c);

printf("Enter the number of d");

scanf("%d",&d);

printf("Enter the number of e");

scanf("%d",&e);

sum=a+b+c+d+e;

printf("sum of number is %d",sum);

return 0;

}

Output-:

Enter the number of a5

Enter the number of b5

Enter the number of c5

Enter the number of d5

Enter the number of e5

sum of number is 25

6.#include<stdio.h>

int main ()

{

int mark1,mark2,total,average;

printf("Enter number of mark1 ");

scanf("%d",&mark1);

printf("Enter number of mark2 ");

scanf("%d",&mark2);

total=mark1+mark2;

average=total/2;

printf("Average of mark is %d",average);

return 0;

}

Output-:

Enter number of mark1 256

Enter number of mark2 358

Average of mark is 307

7.#include<stdio.h>

int main()

{

float b;

float a=0.20;

printf("Enter the number of days for late return book");

scanf("%f",&b);

b=b\*a;

printf("the total fine charged is:%f INR",b);

return(0);

}

Output-:

Enter the number of days for late return book16

the total fine charged is:3.200 INR

8.#include<stdio.h>

int main()

{

float cost=29.20;

float discount=0.15;

float mainprice,i;

i=discount\*cost;

mainprice=cost-i;

printf("the main price of shirt is:%f INR",mainprice);

return(0);

}

Output-:

the main price of shirt is:24.8200 INR

9.#include<stdio.h>

int main ()

{

int num1,num2,temp;

printf("Enter number of num1 ");

scanf("%d",&num1);

printf("Enter number of num2 ");

scanf("%d",&num2);

temp=num1;

num1=num2;

num2=temp;

printf("num1=%d\n",num1);

printf("num2=%d",num2);

return 0;

}

Output-:

Enter number of num1 5

Enter number of num2 4

num1=4

num2=5

10.#include<stdio.h>

int main ()

{

int num1,num2;

printf("Enter number of num1 ");

scanf("%d",&num1);

printf("Enter number of num2 ");

scanf("%d",&num2);

num1=num1+num2;

num2=num1-num2;

num1=num1-num2;

printf("num1=%d\n",num1);

printf("num2=%d",num2);

return 0;

}

Output-:

Enter number of num1 20

Enter number of num2 16

num1=16

num1=20