***ASSIGNMENT-2***

Q1. Print “Your name-SOA University”.?

#include<stdio.h>

int main(){

printf("SONALI SAHU-SOA University");

return 0;

OUTPUT

/tmp/8SDGTPE1yl.o

SONALI SAHU-SOA University

Q2. Print your name , mobile number and email id in different line?

#include<stdio.h>

int main() {

printf("SONALI SAHU\n7991037696\nsahusonali973@gmail.com");

return 0; }

OUTPUT

SONALI SAHU

7991037696

[Sahusonali973@gmail.com](mailto:Sahusonali973@gmail.com)

Q3. Get int , float and char as input,then print the same?

#include<stdio.h>

int main() {

int a =10;

float b=36.8;

char c='A';

printf("print the integer value of a:%d\n",a);

printf("print the float value of a:%f\n",b);

printf("print the charecter value of a:%c\n",c); ; return 0;

}

OUTPUT

print the integer value of a:10

print the float value of a:36.799999

print the character value of a:A

Q4. Find the cube of the given number?

#include<stdio.h>

int main() {

int number,cube;

printf("enter a number:");

scanf("%d",&number);

cube=number\*number\*number;

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

return 0;

}

OUTPUT

enter a number:5

cube of number is:125

Q5. Find the sum of five given numbers?

#include<stdio.h>

int main() {

int num1,num2,num3,num4,num5,sum;

printf("printf num1:");

scanf("%d",&num1);

printf("printf num2:");

scanf("%d",&num2);

printf("printf num3:");

scanf("%d",&num3);

printf("printf num4:");

scanf("%d",&num4);

printf("printf num5:");

scanf("%d",&num5);

sum=num1+num2+num3+num4+num5;

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

return 0;

}

OUTPUT

printf num1:2

printf num2:3

printf num3:4

printf num4:5

printf num5:6

The sum of five number is:20

Q6. Find the student average mark given mark1,mark2?

#include<stdio.h>

int main() {

int mark1,mark2,sum,avg;

printf("enter mark1:");

scanf("%d",&mark1);

printf("enter mark2:");

scanf("%d",&mark2);

sum=mark1+mark2;

avg=(sum)/2;

printf("the average mark is:%d",avg);

return 0;

}

OUTPUT

enter mark1:22

enter mark2:26

the average mark is:24

Q7. Calculate the total fine charged by library for late-return books.The charge is 0.20 for 1 day?

#include<stdio.h>

int main() {

int firstdate,lastdate,totaldays;

float totalcharges;

float chargesfor1day=0.20;

printf("enter firstdate:");

scanf("%d",&firstdate);

printf("enter lastdate:");

scanf("%d",&lastdate);

totaldays=lastdate-firstdate;

totalcharges=chargesfor1day\*totaldays;

printf("total charges is:%f",totalcharges);

return 0;

}

OUTPUT

enter firstdate:4

enter lastdate:20

total charges is:3.2

Q8. You had bought a nice shirt which cost Rs.29.90 exclusive of 15% discount .Count the discounted price for the shirt?

#include<stdio.h>

int main() {

float cost=29.90,discount=0.15;

float discountedcost,netprice;

discountedcost=discount\*cost;

netprice=cost-discountedcost;

printf("netprice is:%f",netprice);

return 0;

OUTPUT

netprice is:25.414999

Q9. Swap two number with third variable?

#include<stdio.h>

int main() {

int A,B,swap;

printf("Enter the value of A:");

scanf("%d",&A);

printf("Enter the value of B:");

scanf("%d",&B);

swap=A;

A=B;

B=swap;

printf("after swapping the value of A is:%d\n,A");

printf("after swapping the value of B is:%d\n,B");

return 0;

}

OUTPUT

Enter the value of A:4

Enter the value of B:8

after swapping the value of A is:8

after swapping the value of B is:4

Q10. Swap two numbers without third variable(By + and-(or)By\*and/)?

#include<stdio.h>

int main() {

int A,B;

printf("Enter the value of A:");

scanf("%d",&A);

printf("Enter the value of B:");

scanf("%d",&B);

A=A+B;

B=A-B;

A=A-B;

printf("After swapping first number A is:%d\n",A);

printf("After swapping first number B is:%d\n",B);

return 0;

}

OUTPUT

Enter the value of A:4

Enter the value of B:6

After swapping first number A is:6

After swapping first number B is:4