Assignment no 2

1. #include<stdio.h>

int main(){

int n;

printf("Enter any number : ");

scanf("%d",&n);

n=n%10;

printf("the unit digit is %d",n);

return 0;

}

2. #include<stdio.h>

int main(){

int n;

printf("Enter the positive number : ");

scanf("%d",&n);

n=n/10;

printf("%d",n);

return 0;

}

3. #include<stdio.h>

int main(){

int a,b,t;

printf("Enter any two values : ");

scanf("%d %d",&a,&b);

printf("value before swapping a is %d and b is %d\n",a,b);

t=a;

a=b;

b=t;

printf("value of after swapping a = %d and b = %d",a,b);

return 0;

}

4. #include<stdio.h>

int main(){

int a,b;

printf("Enter any two values : ");

scanf("%d %d",&a,&b);

printf("values before swapping a = %d and b = %d\n",a,b);

a=a+b;

b=a-b;

a=a-b;

printf("values after swapping a = %d and b = %d",a,b);

return 0;

}

5. #include<stdio.h>

int main(){

int num,sum,r;

printf("Enter any three digit number : ");

scanf("%d",&num);

r=num%10;

sum=sum+r;

num=num/10;

r=num%10;

sum=sum+r;

num=num/10;

r=num%10;

sum=sum+r;

printf("%d",sum);

return 0;

}

6. #include<stdio.h>

int main(){

char c;

printf("Enter a character : ");

scanf("%c",&c);

printf("ASCII Code of %c is %d",c,c);

return 0;

}

7.#include<stdio.h>

int main(){

int x=25,count=0;

while(x!=0){

count++;

if(x&1){

printf("%d",count);

break;

}

x=x>>1;

}

return 0;

}

8. #include<stdio.h>

int main(){

int num;

printf("Enter any number : ");

scanf("%d",&num);

if(num&1){

printf("The number is odd");

}

else{

printf("Tne number is even");

}

return 0;

}

9. #include<stdio.h>

int main(){

int a;

float f;

double d;

char c;

printf("size of a is %d\n",sizeof(a));

printf("size of f is %d\n",sizeof(f));

printf("size of d is %d\n",sizeof(d));

printf("size of c is %d\n",sizeof(c));

return 0;

}

10. #include<stdio.h>

int main(){

int n;

printf("Enter any number : ");

scanf("%d",&n);

printf("the original digit is %d and after making the last digit of the number 0 is %d",n,(n/10)\*10);

return 0;

}

11. #include<stdio.h>

int main(){

int new,n,d;

printf("Enter any number : ");

scanf("%d",&n);

printf("Enter any digit : ");

scanf("%d",&d);

new=n\*10+d;

printf("the given number was %d and the new number after appending with the digit %d is %d",n,d,new);

return 0;

}

12. #include<stdio.h>

int main(){

float R,C;

printf("Enter the amount in Rupees : ");

scanf("%f",&R);

C=R/76.23;

printf("the amount in indian rupee is %f and after converting in to US$ the amount is %f",R,C);

return 0;

}

13. #include<stdio.h>

int main(){

int n,d,r;

printf("Enter any number : ");

scanf("%d",&n);

d=n/10;

r=n%10;

d=r\*100+d;

printf("the given number is %d and after rotating its digit by one position towards right is %d",n,d);

return 0;

}