**22/3/2024**

**FIRST AND LAST DIGIT**

#include <stdio.h>

int main()

{

int a,b,temp;

scanf("%d",&a);

b=a%10;

while(a>=10){

a=a/10;

temp=a;

}

printf("first digit is %d and last digit is %d",temp,b);

}

**Sum of first and last digit**

#include <stdio.h>

int main()

{

int a,b,temp;

scanf("%d",&a);

b=a%10;

while(a>=10){

a=a/10;

temp=a;

}

printf("sum of first and last digit is: %d",temp+b);

}

**Multiplication of digits**

#include <stdio.h>

int main()

{

int a,b,temp=1;

scanf("%d",&a);

while(a>=10){

b=a%10;

a=a/10;

temp=temp\*b;

}

printf("value after multiplication: %d",temp);

}

**Addition of digits**

#include <stdio.h>

int main()

{

int a,b,temp;

scanf("%d",&a);

while(a!=0){

b=a%10;

temp=temp+b;

a=a/10;

}

printf("value after Addition: %d",temp);

}

**Swapping of variable**

#include <stdio.h>

int main()

{

int a,b,temp;

scanf("%d",&a);

while(a!=0){

b=a%10;

temp=temp\*10+(b);

a=a/10;

}

printf("After Reverse: %d",temp);

}

**Palindrome**

#include <stdio.h>

int main()

{

int a,b,temp=0,c;

scanf("%d",&a);

c=a;

while(a!=0){

b=a%10;

temp=temp\*10+(b);

a=a/10;

}

if(temp==c){

printf("palindrome");

}

else{

printf("not palindrome");

return 0;

}

}

**Frequency of digits**

#include <stdio.h>

int main()

{

int a,b,count;

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

while(a!=0){

if(a%10==b){

count++;

}

a=a/10;

}

printf("%d",count);

}