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```

Q11. Write a C program to find first and last digit of a number.

OWNER: AKSHAY GANGARAM KADAM

BATCH: PPA9

```

*****/

```

```
#include <stdio.h>

```

```
#include<conio.h>

```

```
void main()

```

```
{

```

```
    int n,ld,fd; //declaration of the variable

```

```
    printf("enter the any number");

```

```
    scanf("%d",&n);

```

```
    ld=n%10;

```

```
    // to perform iteration by using loop

```

```
    while(n>10)

```

```
    {

```

```
        n=n/10;

```

```
    }// end of loop

```

```
    printf(" firstdigit=%d\n lastdigit=%d",n,ld);//printf last and first digit

```

```
    getch();

```

```
}
```

```

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```

Q 12. Write a C program to find sum of first and last digit of a number.

OWNER: AKSHAY GANGARAM KADAM

BATCH: PPA9

```

*****/

```

```
#include <stdio.h>

```

```
#include<conio.h>

```

```
void main()

```

```
{

```

```
    int n,fd,ld,sum=0;//declaration of the variable

```

```
    printf("enter the any number");

```

```
    scanf("%d",&n);

```

```
    ld=n%10;

```

```

        // to perform the iteration
        while(n>10)
        {
            n=n/10;
        } //end of loop
        fd=n;
        sum=ld+fd; // add last and first digit
        printf("total sum of lastdigit and firstdigit=%d",sum); // print sum

    getch();
}

```

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 Q13. Write a C program to swap first and last digits of a  
 number

OWNER: AKSHAY GANGARAM KADAM  
 BATCH: PPA9

```

        *****/
#include <stdio.h>
#include <conio.h>
void main()
{
    int n,fd,ld,temp=0; // declaration of the variable
    printf("enter the any number");
    scanf("%d",&n);
    ld=n%10;
    //to perform iteration by using loop
    while(n>10)
    {
        n=n/10;
    } //end of loop
    fd=n;
    //swap two number
    temp=ld;
    ld=fd;
    fd=temp;
    printf(" lastdigit and firstdigit swap= %d\n %d\n",ld,fd); // print swap
digit

    getch();
}

```

```

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```

Q14. Write a C program to calculate sum of digits of a number.

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BATCH: PPA9

```

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```

```

#include <stdio.h>
#include<conio.h>
void main()
{   int n,r, sum=0; // declaration of variable
    printf("Enter your number");
    scanf("%d",&n);
    //to perform the iteration
    while(n!=0)
    {
        r=n%10;
        sum=sum+r;// sum of the digit
        n=n/10;
    } // end of loop
    printf("%d",sum);// total sum

    getch();
}

```

```

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```

Q15. Write a C program to calculate product of digits of a number.

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BATCH: PPA9

```

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```

```

#include <stdio.h>
#include<conio.h>
void main()
{   int n,r, m=1; // declaration of variable
    printf("Enter your number");

    scanf("%d",&n);

    //to perform the iteration
    while(n!=0)
    {

```

```

        r=n%10;
        m=m*r;// product of the digit
        n=n/10;
    } // end of loop
    printf("%d",m);// total product

    getch();
}

```

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Q16. Write a C program to enter a number and print its reverse.

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BATCH: PPA9

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```

#include <stdio.h>
#include<conio.h>
void main()
{
    int n,r, re=0; // declaration of variable
    printf("Enter your number");

    scanf("%d",&n);// read user number

    //to perform the interation
    while(n!=0)
    {
        r=n%10;
        re=re*10+r;
        n=n/10;
    } // end of loop
    printf("%d",re);// to print reverse number

    getch();
}

```

/\*\*\*\*\*

Q17. Write a C program to check whether a number is palindrome or not.

OWNER: AKSHAY GANGARAM KADAM

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```

#include <stdio.h>
#include<conio.h>
void main()
{
    int n,re=0,r,temp; // declaration of variable
    printf("enter any number \n");
    scanf("%d",&n);// read user data

```

```

temp=n;
// iteration by using loop
while(n!=0)
{
    r=n%10;
    re=re*10+r;
    n=n/10;
} // end of loop

// chek number is palindrome
if(temp==re)
{
    printf("given number is  palindrome");
}
else
    printf("given number is not palindrome");

getch();
}

```

```

/*****
Q19. Write a C program to enter a number and print it in
      words.
OWNER: AKSHAY GANGARAM KADAM
BATCH: PPA9
*****/
#include <stdio.h>
#include<conio.h>
void main()
{
    int ch,r,re=0,n,temp; // decleration of variable
    printf("enter your number ");
    scanf("%d",&n);// read user number
    while(n!=0)
    {
        r=n%10;
        re=re*10+r;
        n=n/10;
    } // end of loop
    temp=re;

    // to perform iterration
    while(temp!=0)
    {
        switch(temp%10)// use switch to cheak number
        {

            case 0: printf("zero ");

```

```

        break;
    case 1: printf("one ");
        break;
    case 2: printf("two ");
        break;
    case 3: printf("three ");
        break;
    case 4: printf("four "); // print digit words
        break;
    case 5: printf("five ");
        break;
    case 6: printf("six ");
        break;
    case 7: printf("seven ");
        break;
    case 8: printf("eight ");
        break;
    case 9: printf("nine ");
        break;
    }
    temp=temp/10;
} // end of loop

```

```

getch();
}

```

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Q20. Write a C program to print all ASCII character with their values.

OWNER: AKSHAY GANGARAM KADAM

BATCH: PPA9

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```

#include <stdio.h>

```

```

#include<conio.h>

```

```

void main()

```

```

{

```

```

    int ch; // decaleration of the variable

```

```

    ch=0;

```

```

    // to itereation by using loop

```

```

    while(ch<=255)

```

```

    {

```

```

        printf("%d= %c\n",ch,ch); // printf ASCII character with their values.

```

```

        ch++;

```

```

    } // end of loop

```

```

    getch();

```

```

}

```