```c
/*addition of 2 no*/
#include<stdio.h>
int main()
{
        int x,y,z;
printf("enter two no\n");
scanf("%d%d",&x,&y);
        z=x+y;
        printf("result:%d",z);
        return 0;
}
/*pattern printing*/
#include<stdio.h>
int main()
{
        int n,i,j;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=0;i<=n;i++)
        {
                printf("\n");
                for(j=0;j<=i;j++)
                 printf("*");

        }

        return 0;
}
/*print the sum of all even no between n no*/
#include<stdio.h>
int main()
```

```c
{
        int i,n,sum=0;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)
        {
                if(i%2==0)
                sum=sum+i;

        }
        printf("result:%d",sum);
        return 0;
}
/*pattern printing*/
#include<stdio.h>
int main()
{
        int n,i,j;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=0;i<=n;i++)
        {
                printf("\n");
                for(j=0;j<=i;j++)
                 printf("*");

        }
        printf(" ");
        return 0;
}
/*print all even no*/
```

```c
#include<stdio.h>
int main()
{
        int n,i;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=1;i<=n;i++)

        {

                if(i%2==0)
                printf("the no %d is even\n",i);
        }

        return 0;
}
```
/*palindrome no*/
```c
#include<stdio.h>
int main()
{
        int n,k,rev=0,rem;
        printf("enter the value of n\n");
        scanf("%d",&n);
        k=n;
        while(n!=0)

        {
                rem=n%10;
                rev=rev*10+rem;
                n=n/10;
        }
```

```c
        if(k==rev)

        printf("palindrome no");

        else

        printf("not palindrome");

        return 0;

}
```

/*whether a no is perfect or not*/

```c
#include<stdio.h>

int main()

{

        int n,i,sum=0;

        printf("enter the value of n\n");

        scanf("%d",&n);

        for(i=1;i<n;i++)

        {

                if(n%i==0)

                sum=sum+i;


        }

        if(sum==n)

        printf("perfect no");

        else

        printf("not perfect no");

        return 0;

}
```

/*armstrong no*/

```c
#include<stdio.h>

int main()

{

        int n,k,sum=0,rem;

        printf("enter the value of n\n");
```

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

        k=n;

        while(n!=0)


        {

                rem=n%10;

                sum=sum+(rem*rem*rem);

                n=n/10;

        }

        if(k==sum)

        printf("armstrong no");

        else

        printf("not armstrong no");

        return 0;

}
/*break*/
#include<stdio.h>

int main()

{

        int i,j;

        for(i=0;i<5;i++)

        for(j=0;j<5;j++)

        {

                if(i==j)

                break;

                else

                printf("%d\t%d",i,j);

        }

        return 0;

}
/* whethe a no is prime or not */
```

```c
#include<stdio.h>
int main()
{
        int i,n;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=2;i<=(n/2);i++)
        {
                if(n%i==0)
                printf("not prime no");
                else
                printf("prime no");
        }


        return 0;
}
```

/*continue*/
```c
#include<stdio.h>
int main()
{
        int i,j;
        for(i=0;i<5;i++)
        for(j=0;j<5;j++)
        {
```

```c
            if(i==j)

            continue;

            else

            printf("%d\t%d\n",i,j);

        }

        return 0;

}
/*break*/

#include<stdio.h>

int main()

{

        int i,j;

        for(i=0;i<5;i++)

        for(j=0;j<5;j++)

        {

                if(i==j)

                break;

                else

                printf("%d\t%d\n",i,j);

        }

        return 0;

}
/* whethe a no is prime or not */

#include<stdio.h>

int main()

{

        int i,n;

        printf("enter the value of n\n");

        scanf("%d",&n);

        for(i=2;i<=(n/2);i++)

        {
```

```c
                if(n%i==0)
                printf("not prime no");
                else
                printf("prime no");
        }


        return 0;
}
```

```c
/*prime no using flag variable*/
#include<stdio.h>
int main()
{
        int i,n,flag=0;
        printf("enter the value of n\n");
        scanf("%d",&n);
        for(i=2;i<=(n/2);i++)
        {

                {
                        if(n%i==0)
                        flag=0;
                        else
                        flag=1;
                }
```

```c
        if(flag==0)

        printf("not prime no");

        else

        break;

    }

        return 0;

}
```

```c
/*whether a no is perfect or not by break*/

#include<stdio.h>

int main()

{

        int n,i,sum=0;

        printf("enter the value of n\n");

        scanf("%d",&n);

        for(i=1;i<n;i++)

        {


        {

                if(n%i==0)

                sum=sum+i;



        }
```

```c
        if(sum==n)

        printf("perfect no");

        else

        break;



    }



return 0;
}
/*addition of 2 no*/

#include<stdio.h>

int main()

{

        int x,y,z;

        printf("enter two no\n");

        scanf("%d%d",&x,&y);

        z=x+y;

        printf("result:%d",z);

        return 0;

}
/*print smaller values from taken values*/

#include<stdio.h>

int main()

{

        int n,i;

        printf("enter the value of n\n");

        scanf("%d",&n);

        for(i=0;i<n;i++)

        {
```

```c
            if(i<n)

            printf("the no is %d\n",i);

    }

    return 0;

}
```