

```

/*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()

```

```

{
    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\*/

```

#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*/
#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;
    }

```

```

        if(k==rev)

            printf("palindrome no");

        else

            printf("not palindrome");

        return 0;
    }

/*whether a no is perfect or not*/
#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*/
#include<stdio.h>

int main()
{
    int n,k,sum=0,rem;

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

```

```

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 */

```

```

#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*/
#include<stdio.h>

int main()
{
    int i,j;
    for(i=0;i<5;i++)
    for(j=0;j<5;j++)
    {

```

```

        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++)
    {

```

```
        if(n%i==0)

        printf("not prime no");

        else

        printf("prime no");

    }

    return 0;

}
```

```
/*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;

        }

    }

}
```



```
        if(flag==0)
            printf("not prime no");
        else
            break;
    }

    return 0;
}
```

```
/*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;

        }

    }
}
```

```

        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++)

    {

```

```
        if(i<n)
            printf("the no is %d\n",i);
    }
    return 0;
}
```