

ADREESS.

```
#include<stdio.h>
```

```
int main()
```

```
{
    printf(" \a");
    printf(" MAHIR FAISAL\n");
    printf(" BSSE-13th\n");
    printf(" ROLL-1316\n");
    printf(" IIT,UNIVERSITY OF DHAKA\n");
    return 0;
}
```

ASSIGN 1.

```
#include<stdio.h>
```

```
int main()
```

```
{
    *****

    int i,j,n;
    *****

    printf("How many lines do you want?\n");
    ***

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

    for(i=n;i>=1;i--)
    *

    {
        for(j=1;j<=i;j++)

        {
            printf("*");

        }

        printf("\n");
    }
}
```

```
    return 0;
}
```

ASSIGN 2.

```
#include<stdio.h>

int main()
{
    int i,j,n;
    printf("How many lines do you want?\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        for(j=1;j<=i;j++)
        { printf("*");
          }

        printf("\n");
    }
    return 0;
}
```

ASSIGN 3.

```
#include<stdio.h>

int main()

{
    int i,j,n,space;
    printf("How many lines do you want?\n");
    scanf("%d",&n);
```

```

for(i=1;i<=n;i++)
{
    for(space=n-i;space>=1;space--)
    {
        printf(" ");
    }
    for(j=1;j<=2*i-1;j++)
    {

        printf("*");
    }
    printf("\n");
}
return 0;
}

```

ASSIGN 4.

```
#include<stdio.h>
```

```
int main()
```

```

{
    int j,i,n,x;
    printf("How many lines do you want?\n");
    scanf("%d",&n);

```

```

aaaa*aaaa
aaa***aaa
aa*****aa
a*****a

```

```

for(i=1;i<=n;i++)
{
    for(x=n-i;x>=0;x--)
    {

```

```

        printf("a");
    }
    for(j=1;j<=2*i-1;j++)
    {
        printf("*");
    }
    for(x=n-i;x>=0;x--)
    {
        printf("a");
    }
    printf("\n");
}
return 0;
}

```

ASSIGN 5.

```
#include<stdio.h>
```

```
int main()
```

```

{
    int n,i;
    float p,a,r;
    printf("Enter the number of year:\n");
    scanf("%d",&n);
    printf("Enter the original amount:\n");    /*Will Show the total amount after every year*/
    scanf("%f",&p);
    printf("Enter annual rate of interest:\n");
    scanf("%f",&r);

```

```
r=r/100;
for(i=1;i<=n;i++)
{
    a=p*pow((1+r),i);
    p=a;
    printf("After %d years your total amount is %f$\n",i,a);
}

return 0;
}
```