**29. Write a program that convert uppercase letter to lowercase letter or vice versa.**

**Sample input : WeaReCse’13**

**Output : wEArEcSE’13**

#include <stdio.h>

#include <string.h>

int main()

{

    char a[100];

    inti;

    printf("Enter Your String=");

    gets(a);

    for(i=0;i<strlen(a);i++)

    {

        if(islower(a[i]))

        {

            printf("%c",toupper(a[i]));

        }

        else

        {

            printf("%c",tolower(a[i]));

        }

    }

}

**41. Write a program that find out the volume and surface area of any cylinder.**

#include <stdio.h>

#define PI 3.141592654

int main()

{

    doubler,h,v,a;

    printf("Enter Radius And Height=");

    scanf("%lf%lf",&r,&h);

    v=PI\*r\*r\*h;

    a=2\*PI\*r\*r+2\*PI\*r\*h;

    printf("Volume Is=%0.3lf\n",v);

    printf("Surface Area Is=%0.3lf",a);

}

Alphabet Pattern - 11

EEEEE

DDDD

CCC

BB

A

#include <stdio.h>

int main()

{

inti, j;

for(i=5;i>=1;i--)

{

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

{

printf("%c",'A'-1 + i);

}

printf("\n");

}

return 0;

}

1.Wo-----OW

#include <stdio.h>

int main()

{

int n, i;

while(scanf("%d", &n) == 1)

{

printf("wo");

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

{

printf("(\*\_\*)");

}

printf("OW\n");

}

return 0;

}