Question 1 Write a program to print the following pattern

1

2\*2

3\*3\*3

4\*4\*4\*4

Ans🡪 for(i=0;i<=3;i++)

{

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

{

printf(“%d”,i+1);

}

printf(“\n”);

}

Question 2 Write a program to print the following pattern

1

01

101

0101

10101

Ans🡪 for(i=1;i<=5;i++)

{

isf(i%2==0)

{p=1;q=0;}

else

{p=0;q=1;}

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

{ if(j%2==0);

printf(“%d”,p);

else

printf(“%d”,q);}

printf(“\n”);

}