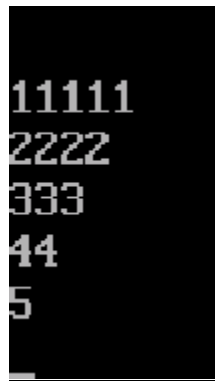## OBJECTIVE:

Draw the following patterns by using nested while loop.

SOURCE CODE:

```
#include<stdio.h>
#include<conio.h>
void main(void)
{
clrscr();
int a=1;
while(a<=5)
 {
   int b=a;
   while(b<=5)
   {
   printf("%d",a);
   b++;
   }
   printf("\n");
   a++;
   }

getch();
}
```

OUTPUT:
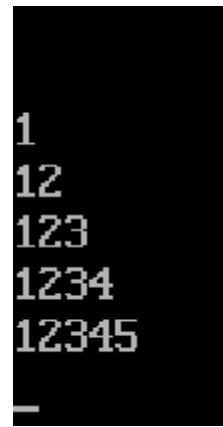
```
11111
2222
333
44
5
```

SOURCE CODE:

```
#include<stdio.h>
#include<conio.h>
void main(void)
{
clrscr();
int a=1;
while(a<=5)
 {
   int b=1;
   while(b<=a)
   {
   printf("%d",b);
   b++;
   }
   printf("\n");
   a++;
   }

getch();
}
```

OUTPUT:

```
1
12
123
1234
12345
```

SOURCE CODE:

```c
#include<stdio.h>
#include<conio.h>
void main(void)
{
clrscr();
int a=1;
while(a<=5)
  {
   int b=1;
   while(b<=a)
   {
   printf("*",b);
   b++;
   }
   printf("\n");
   a++;
   }

getch();
}
```

OUTPUT:

SOURCE CODE:

```c
#include<stdio.h>
#include<conio.h>
void main(void)
{
clrscr();
int a=1;
while(a<=5)
  {
   int b=a;
   while(b<=5)
   {
   printf(" ");
   b++;
   }
   int c=1;
   while(c<=a)
   {
   printf("*",b);
   c++;
   }
   printf("\n");
   a++;
   }
getch();
}
```

OUTPUT: