OBJECTIVE:

Write a program that takes input of any no. within the range of 1to 10 the program should tell whether.

SOURCE CODE:

```c
#include<stdio.h>
#include<conio.h>
void main(void)
{
clrscr();
int a;
printf("Enter Number=");
scanf("%d",&a);
switch(a)
{
case 1:
printf("this is odd no");
break;
case 2:
printf("this is even no");
break;
case 3:
printf("this is odd no");
break;
case 4:
printf("this is even no");
break;
case 5:
printf("this is odd no");
break;
case 6:
printf("this is even no");
break;
case 7:
printf("this is odd no");
break;
case 8:
printf("this is even no");
break;
case 9:
```
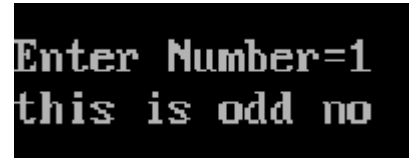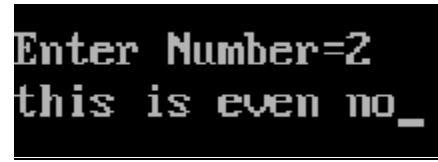
```
printf("this is odd no");
break;
case 10:
printf("this is even no");
break;
default:
printf("error!");
}
getch();
}
```
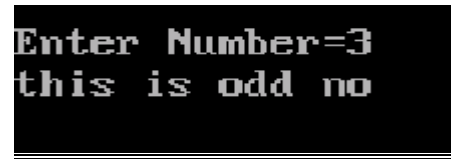
OUTPUT:

```
Enter Number=1
this is odd no
```
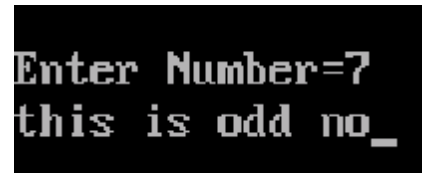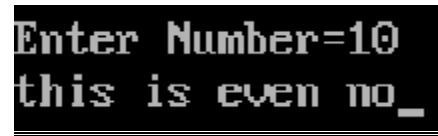
```
Enter Number=2
this is even no_
```

```
Enter Number=3
this is odd no
```

```
Enter Number=6
this is even no_
```

```
Enter Number=7
this is odd no_
```

```
Enter Number=10
this is even no_
```