Odd loops

Sometimes a user may not know about how many times a loop is to be executed. If we want to execute a loop for unknown number of times, then the concept of odd loops should be implemented. This can be done using for-loop, while-loop or do-while-loops.

Example

Following is the C program for the odd loop −

```c
#include<stdio.h>
int main(){
  int number;
  number=1;
  while(number==1) // odd loop don't know how many times loop executes{
    printf("enter a number:
");
    scanf("%d",&number);
    if((number%2)==0)
      printf("number is even
");
    else
      printf("number is odd
");
      printf("do you want to test any number
");
      printf("if yes then press '1'
");// if press 1 loop executes again
      printf("else press '0'
");//if press 0 exist from loop
    scanf("%d",&number);
  }
  return 0;
}
```

Output

When the above program is executed, it produces the following output −

```
enter a number:
3
number is odd
do you want to test any number
if yes then press '1'
```

else press '0'

1

enter a number:

4

number is even

do you want to test any number

if yes then press '1'

else press '0'

1

enter a number:

9

number is odd

do you want to test any number

if yes then press '1'

else press '0'

0