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Date: - 25/03/2022
Examination Roll No: - 21312915017
Name of Program: B. Tech. (Information Tech
             and Mathematical Iknovation.)
Semester: Ist Sen.
Unique Paper Code: -32861103
Title of the Paper: - Automaing Real world through
             Programs: Programming Fundamental
 Solution 4
In C Programming language we have 3 iterative
 Statements:
1) while
 4 do while
3) for
1) While.
  It is a control flow statement that allows
  code to executed repeatly untill the given
  boolean condition satifys.
   Prot 1=0;
 while (i<10).
   printf ("Thevalue is i is "od", i);
  1++;
 Output :
  0,1,23456789
-> The program is getting excuted repeatly
  untill the condition ie, (ix10) becomes
  false i.e @ i=10
```

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  2) do while:
   It is very similar to the while loop but
   the difference is that it checks for the condition after the excution of statements.
 Fint i=0;
 dog
     print f ("% a", i);
 I while (ix 10);
 Sutput:
 0123456789
 3) for ;-
   This is a repetition control structure that
  allows us to efficiently write a loop that needs to excuted no a given no. of times:
int ar L5] = {3,4,10,8,123
   for (int i=0; i<5; i++)
      printf ("old", aror [i]);
 Output.
   3410812,
- Here we controlled the loop to excoute only
  5 times.
```