**5.PROGRAM TO USE FOR LOOP,NESTEDFOR LOOP**

**FOR LOOP:**

// Print numbers from 1 to 10

#include <stdio.h>

int main() {

int i;

for (i = 1; i < 11; ++i)

{

printf("%d ", i);

}

return 0;

}

**NESTED FOR LOOP:**

#include <stdio.h>

int main () {

/\* local variable definition \*/

int i, j;

for(i = 2; i<100; i++) {

for(j = 2; j <= (i/j); j++)

if(!(i%j)) break; // if factor found, not prime

if(j > (i/j)) printf("%d is prime\n", i);

}

return 0;



