#include <stdio.h>

int checkPrimeNumber(int number)

{

int i, f = 1;

for (i = 2; i <= number / 2; ++i) {

if (number % i == 0) {

f = 0;

break;

}

}

return f;

}

int main()

{

int num1 = 2, num2 = 10, j, f;

printf("Prime numbers between %d and %d are: ", num1,

num2);

for (j = num1; j < num2; ++j) {

f = checkPrimeNumber(j);

if (f == 1)

{

printf("%d ", j);

}

}

return 0;

}