#include <stdio.h>

int PrimeNumber(int n);

int main()

{

int n1, n2, i, flag;

printf("Enter range: ");

scanf("%d %d", &n1, &n2);

printf("Prime numbers between %d and %d are: ", n1, n2);

for (i = n1 + 1; i < n2; ++i)

{

flag = PrimeNumber(i);

if (flag == 1)

printf("%d ", i);

}

return 0;

}

int PrimeNumber(int n)

{

int j, flag = 1;

for (j = 2; j <= n / 2; ++j) {

if (n % j == 0) {

flag = 0;

break;

}

}

return flag;

}