

```
function Output = prime(number)
% This function test whether number is prime or not
% Output is 1 if number is prime
% Output is 0 if number is not prime
nFactor=0; % Store total number of factors
Output=0;
nFactor=factors(number); % Obtaining number of factors
if (nFactor>1 && nFactor<3)
    Output=1;
else
    Output=0;
end
end
```