

problem solving

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2022-11-26

Prime number within a range

All prime number within a range

```
prim = function(num){  
  prime=c()  
  for (j in 2:num){  
    fac = c()  
    for (i in 1:(num)){  
      if(j %%i==0){  
        fac = append(fac,i)  
      }  
    }  
    if(length(fac)<3){  
      prime = append(prime,j)  
    }  
  }  
  return(prime)  
}
```

```
prim(10)
```

```
[1] 2 3 5 7
```