

```
function yesorno = prime(n)
count=0;
for i=1:floor(sqrt(n))
if mod(n,i)==0
count=count+1;
if n/i ~= i
count=count+1;
end
end
end

if count>2
yesorno=1;
else
yesorno=0;
end

end

i=0;
j=2;
while i<6000
if prime(j) == 0
i++;
end
j++;
end
disp(j-1)
```