

```

p1:
def int main():
    int a,b,c,max
    read(a,b,c)
    max=a
    if[b > max]:
        max=b
    end
    if[c>max]:
        max=c
    end
    print(max)
    ret 0
end

```

p1\_st.out:

```

0 a
1 b
2 c
3 max
4 0

```

p1\_pif.out:

```

def -1
int -1
main -1
( -1
) -1
: -1
int -1
id 0
, -1
id 1
, -1
id 2
, -1
id 3
read -1
( -1
id 0
, -1
id 1
, -1
id 2
) -1
id 3
= -1
id 0
if -1
[ -1
id 1
> -1
id 3
] -1
: -1
id 3
= -1
id 1
end -1
if -1
[ -1

```

```

id 2
> -1
id 3
] -1
: -1
id 3
= -1
id 2
end -1
print -1
( -1
id 3
) -1
ret -1
const 4
end -1

```

p2:

```

def int main():
    int n
    read(n)//test comment read(n)
    if [prime(n)]:
        print(n, ' is prime')
    else:
        print(n, ' is not prime')
    end
    ret 0
end

def bool prime(int n):
    if [n < 2]:
        ret false
    elif [n =: 2]:
        ret true
    elif [n % 2 =: 0]:
        ret false
    else:
        for [int d = 3, d * d <= n, d += 2]:
            if [n % d =: 0]:
                ret false
        end
    ret true
end

```

p2\_st.out:

```

0 n
1 prime
2 ' is prime'
3 ' is not prime'
4 0
5 2
6 false
7 true
8 d
9 3

```

p2\_pif.out:

```

def -1
int -1

```

```
main -1
( -1
) -1
: -1
int -1
id 0
read -1
( -1
id 0
) -1
if -1
[ -1
id 1
( -1
id 0
) -1
] -1
: -1
print -1
( -1
id 0
, -1
const 2
) -1
else -1
: -1
print -1
( -1
id 0
, -1
const 3
) -1
end -1
ret -1
const 4
end -1
def -1
bool -1
id 1
( -1
int -1
id 0
) -1
: -1
if -1
[ -1
id 0
< -1
const 5
] -1
: -1
ret -1
const 6
elif -1
[ -1
id 0
=: -1
const 5
] -1
: -1
ret -1
const 7
elif -1
[ -1
```

```

id 0
% -1
const 5
=: -1
const 4
] -1
: -1
ret -1
const 6
else -1
: -1
for -1
[ -1
int -1
id 8
= -1
const 9
, -1
id 8
* -1
id 8
<= -1
id 0
, -1
id 8
+= -1
const 5
] -1
: -1
if -1
[ -1
id 0
% -1
id 8
=: -1
const 4
] -1
: -1
ret -1
const 6
end -1
ret -1
const 7
end -1

```

p3:

```

def int main():
    int n, sum = 0
    read(n)
    for [int i = 1, i <= n, i++]:
        int x
        read(x)
        sum += x
    end
    print(sum)
    ret 0
end

```

p3\_st.out:

0 n

```
1 sum
2 0
3 i
4 1
5 x
```

p3\_pif.out:

```
def -1
int -1
main -1
( -1
) -1
: -1
int -1
id 0
, -1
id 1
= -1
const 2
read -1
( -1
id 0
) -1
for -1
[ -1
int -1
id 3
= -1
const 4
, -1
id 3
<= -1
id 0
, -1
id 3
++ -1
] -1
: -1
int -1
id 5
read -1
( -1
id 5
) -1
id 1
+= -1
id 5
end -1
print -1
( -1
id 1
) -1
ret -1
const 2
end -1
```

plerr:

```
def int main():
    int 1n, ma[x = -1
    read(n)
```

```
for [int i = 1, i <= n, i++]:  
    int x  
    read(x)  
    if [x > max]:  
        max = x  
    end  
print(max)  
ret 0  
end
```

plerr output:

Syntax error at line 2: variable cannot start with digit