

Name(s) and NetId(s):

Trace the output of the following programs. Make sure you are working on paper, **not** on the computer.

```
x = 0
while x < 10:
    print (x)
    x += 2
```

```
x = 200
i = 0
while x < 500 :
    print (x)
    i = i + 1
    x = x + i*20
```

```
var i = 0;
while (i < 3):
    println("hi")
    i++
```

```
x = 200
i = 0
while x < 500 :
    i = i + 1
    x = x + i*20
    print (x)
```

```
var i = 0;
while (i < 0):
    println("hi")
```

```
x = 0
y = 10
while x < y:
    print (x, y)
    x += 1
    y -= 1
```

```
var x = 3
var i = 0
while i < 3 :
    x += 1
    i += 1
println(x)
```

```
MAX_TERM = 100
sum = 0
count = 1
while count <= MAX_TERM:
    sum = sum + count;
    count = count + 1;
print ( sum )
```