Program Code Sample 79

```
void main() {
  int V1 = 1;
  int V2 = 3;

  if (++V1 || ++V2) {
    V1 = V1 * 2;
    V2 = V2 * 3;
  }

  printf("%d %d\n", V1, V2);
}
```

Program 79 Notes

$V1 = 2^{2} \rightarrow 4$

$4 * 2 \rightarrow 12$

$(4), 12$

Program 79 Output

Start Time: 1:59

V1	V2
4	12

End Time: _____

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 5 6 (Positive)

Program Code Sample 109

```
void main() {
  int V1 = 2;

  if (0) V1++;
  V1++;

  printf("%d\n", V1);
}
```

Program 109 Notes

Program 109 Output

Start Time: _2:02_

_____

_V1   3_

_____

_____

End Time: _2:03_

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 5 6 (Positive)

4

Program Code Sample 55

```
void main() {
  int V1 = 0;
  int V2 = 8;

  if ((V2 - 3) * (7 - V2) <= 0) {
    V1 = 4;
  } else {
    V1 = 2;
  }

  printf("%d\n", V1);
}
```

Program 55 Notes

$$\left(8 - 3\right) \overset{*}{} \left(7 - 8\right)$$

5   -1

$$V1 = 4$$

Program 55 Output

Start Time: 2:03 .

_____ V1 = 4 _____

End Time: 2:04 .

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 5 6 (Positive)

5

Program Code Sample 71

```
void main() {
  int V1 = 1, V2 = 2;

  if (V1 < V2) {
#define M1 1
#define M2 2
  } else {
#define M1 2
#define M2 1
  }

  printf("%d %d\n", M1, M2);
}
```

Program 71 Notes

Program 71 Output

Start Time: _2:05_

M/	M2
1	2

End Time: _2:06_ .

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 (5) 6 (Positive)

Program Code Sample 62

```
void main() {
    int V1, V2;

    V1 = 2;
    V2 = 1;

    printf("%d %d\n", V1, V2);
}
```

Program 62 Notes

Program 62 Output

Start Time: 2:06

V1	V2
2	1

End Time: 2:06

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 5 6 (Positive)

Program Code Sample 49

```
void main() {
    int V1 = 0;
    int V2 = V1 == 3 ? 2 : 4;

    printf("%d\n", V2);
}
```

4

Program 49 Notes

$V1 = 2 2$

$(3 ? 2 : 4)$

$V2 = (V1 == 3 ?$

$($

$V2 = ($ $)$

Program 49 Output

Start Time: 2:06

_____ V2 _____

_____ 4. _____

End Time: 2:08

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 ⑤ 6 (Positive)

$V2 = (V1 = 2. (3 ? 2 : 4))$

0

8

Program Code Sample 91

```c
void main() {
  char V1 = 2["qwert"];

  printf("%c\n", V1);
}
```
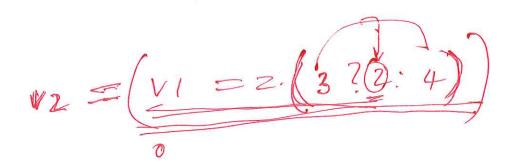
Program 91 Notes

Program 91 Output

Start Time: _2:09_

_V1_

_e_

End Time: _2:09_

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 (4) 5 6 (Positive)

2 [arr]

an   an [2]

" qwert " [2]

| 2 | w | r | L |

Program Code Sample 56

```c
void main() {
  int V1 = 0;
  int V2 = 6;

  if (1 <= V2 || V2 >= 5) {
    V1 = 2;
  } else {
    V1 = 7;
  }

  printf("%d\n", V1);
}
```

Program 56 Notes

Program 56 Output

Start Time: ___2:11___

___V1___

___2___

End Time: ___2: 11___

How confident are you that you evaluated the code correctly?

(Unsure) 1 2 3 4 5 6 (Positive)