

Due	No due date	Points	10	Questions	11	Time Limit	30 Minutes	Allowed Attempts	Unlimited
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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	9.67 out of 10

⚠ Correct answers are hidden.

Submitted Jun 24 at 2:34pm



Question 1

2 / 2 pts

Match each item with the correct statement below.

Keeps processing input until a particular value is found in input.	sentinel loop	▼
Keeps processing until the output gets no closer to the answer.	limit loop	▼
Repeats its actions a fixed number of times	definite loop	▼
Keeps processing until the input device signals that it is finished.	data loop	▼

Question 2

1 / 1 pts

Loop bounds used when searching through input.

- ☐ None of these
- ☒ sentinel bounds
- ☐ limit bounds
- ☐ data bounds

Question 3

1 / 1 pts

A loop that reads data until some special value is found is called a:

- ☐ loop and a half

☐ data loop

☐ None of these

☒ sentinel loop

☐ limit loop

Partial

Question 4

0.67 / 1 pts

Which of these are indefinite loops?

☐ counter controlled loops

☐ limit loops

☒ data loops

☒ sentinel loops

Question 5

0.5 / 0.5 pts

In a ***guarded*** loop, the loop actions may never be executed.

☒ True

☐ False

Question 6

0.5 / 0.5 pts

In an ***unguarded*** loop, the loop actions are always executed at least once.

☒ True

☐ False

Question 7

0.5 / 0.5 pts

A ***guarded*** loop is also known as a ***test-at-the-top*** loop.

☒ True

☐ False

Question 8

0.5 / 0.5 pts

In a ***guarded*** loop, the loop actions are always executed at least once.

- ☐ True
- ☒ False

Question 9

1 / 1 pts

In the classic *for* loop, which portion of code is executed ***after the last statement in the loop body?***

- ☐ condition expression
- ☐ initialization statement
- ☐ assignment statement
- ☐ first statement following the loop
- ☒ update expression
- ☐ None of these

Question 10

1 / 1 pts

How many times is this loop ***entered?*** (*That is, how many times is i printed?*)

```
for (int i = 0; i <= 10; i++)
    cout << i;
cout << endl;
```

- ☒ 11
- ☐ Never
- ☐ 9
- ☐ 10

Question 11

1 / 1 pts

In the classic *for* loop, which portion is used to create the **loop control variable?**

☐ assignment statement

☐ condition expression

☐ update expression

☐ None of these

☒ initialization statement

☐ post-condition

