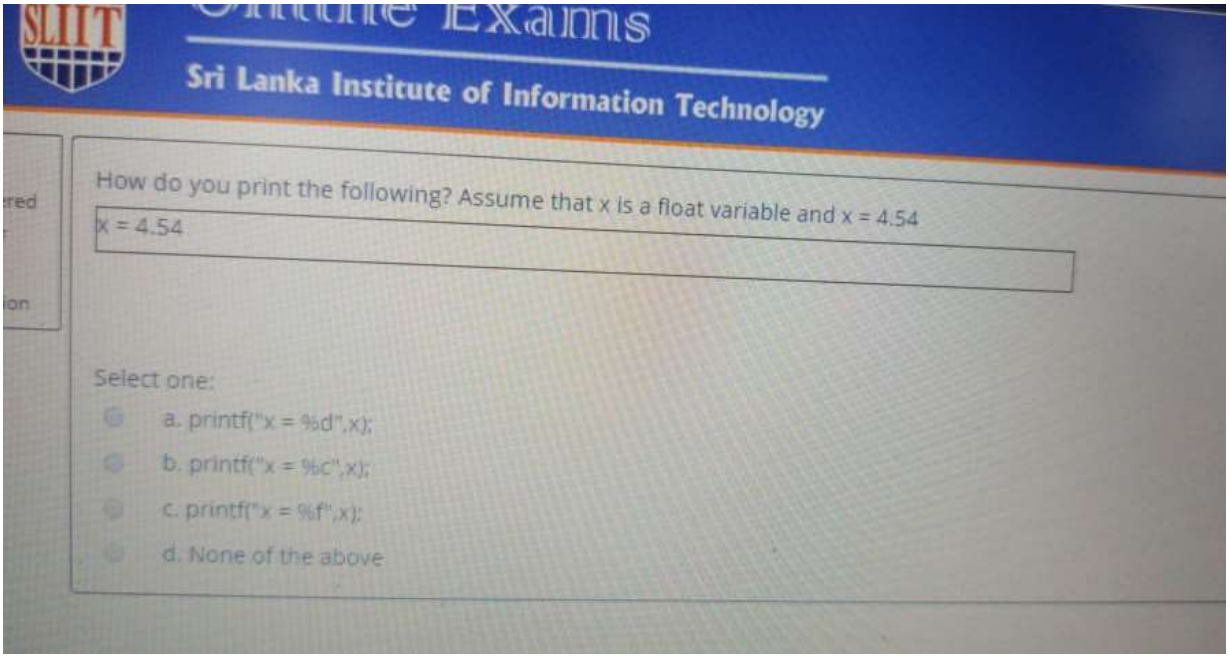
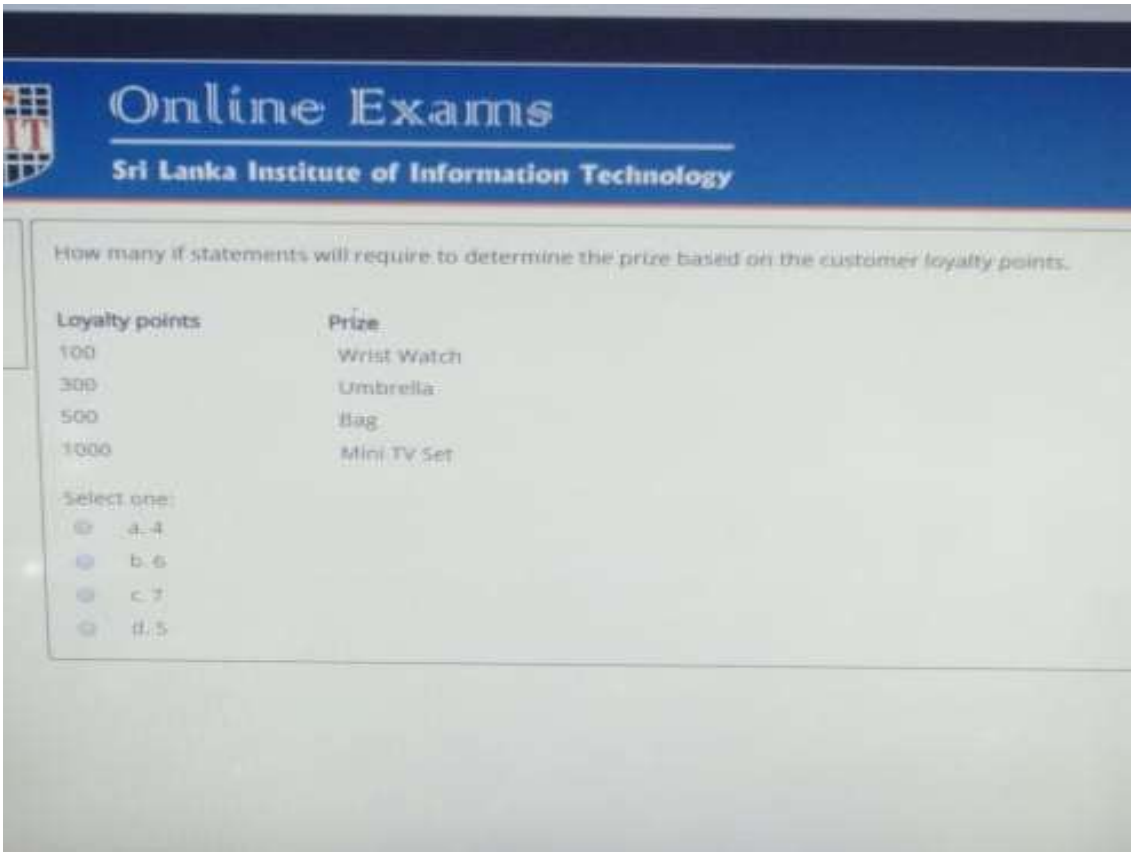
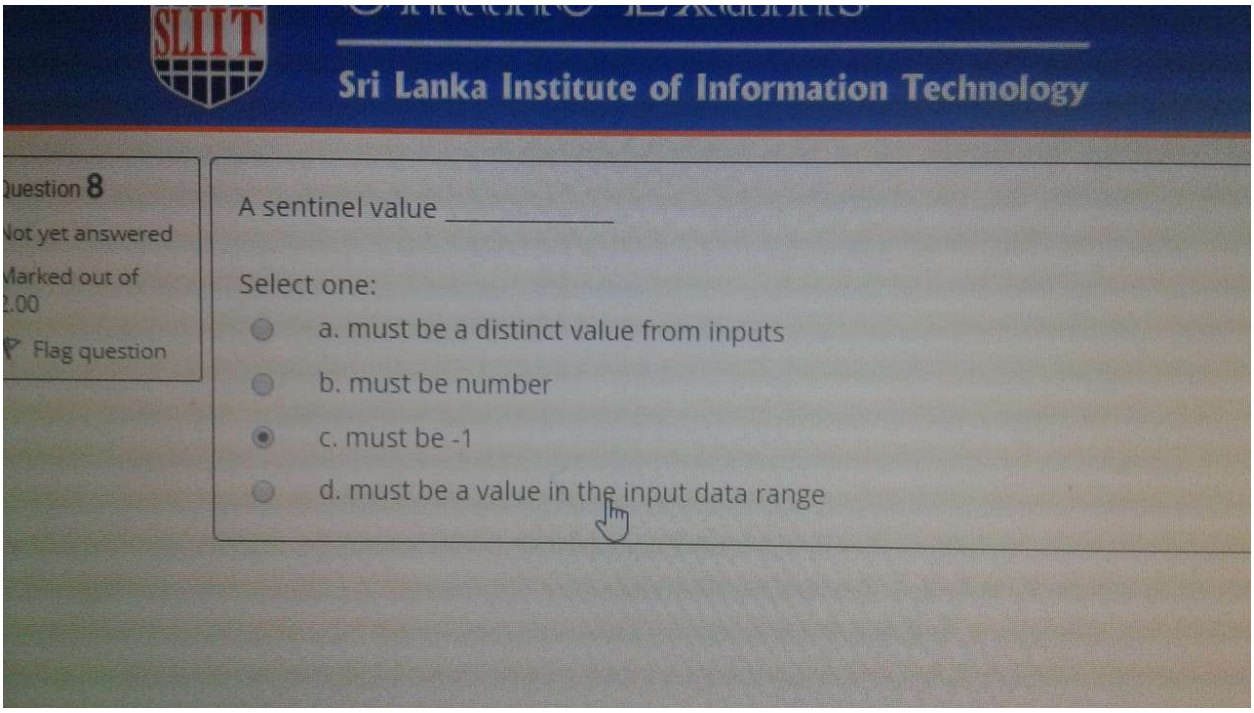
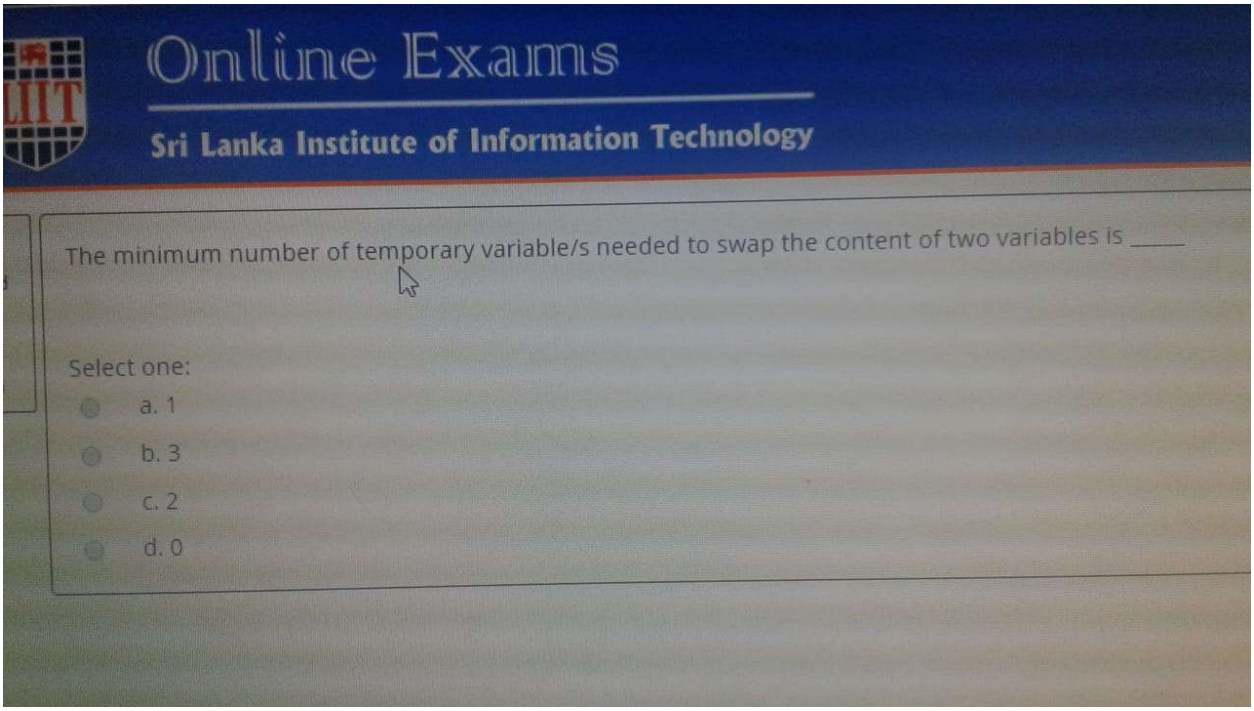
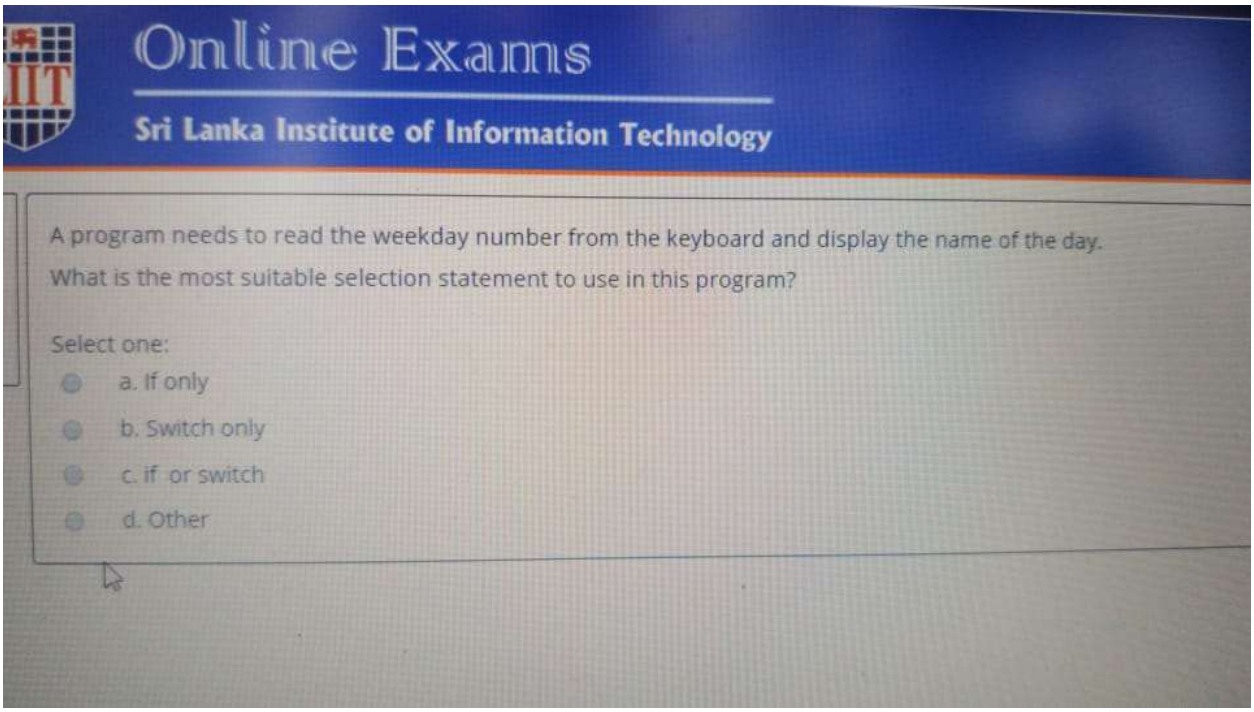

Online Exams
Sri Lanka Institute of Information Technology
How do you print the following? Assume that x is a float variable and x = 4.54
x = 4.54
Select one:
a. printf("x = %d",x);
b. printf("x = %c",x);
c. printf("x = %f",x);
d. None of the above


Online Exams
Sri Lanka Institute of Information Technology
How many if statements will require to determine the prize based on the customer loyalty points.
Loyalty points
Prize
100
Wrist Watch
300
Umbrella
500
Bag
1000
Mini TV Set
Select one:
a. 4
b. 6
c. 7
d. 5


Sri Lanka Institute of Information Technology
Question 8
Not yet answered
Marked out of
1.00
Flag question
A sentinel value _____
Select one:
a. must be a distinct value from inputs
b. must be number
c. must be -1
d. must be a value in the input data range


Online Exams
Sri Lanka Institute of Information Technology
The minimum number of temporary variable/s needed to swap the content of two variables is ____
Select one:
a. 1
b. 3
c. 2
d. 0


Online Exams
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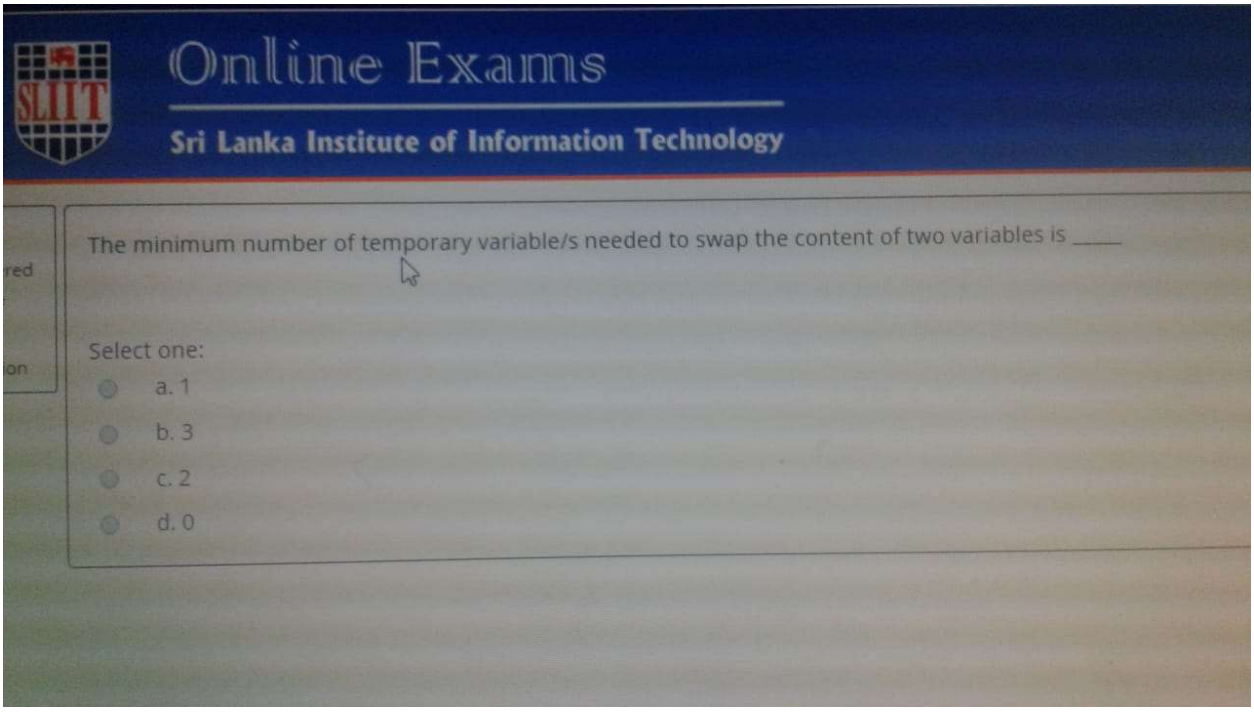
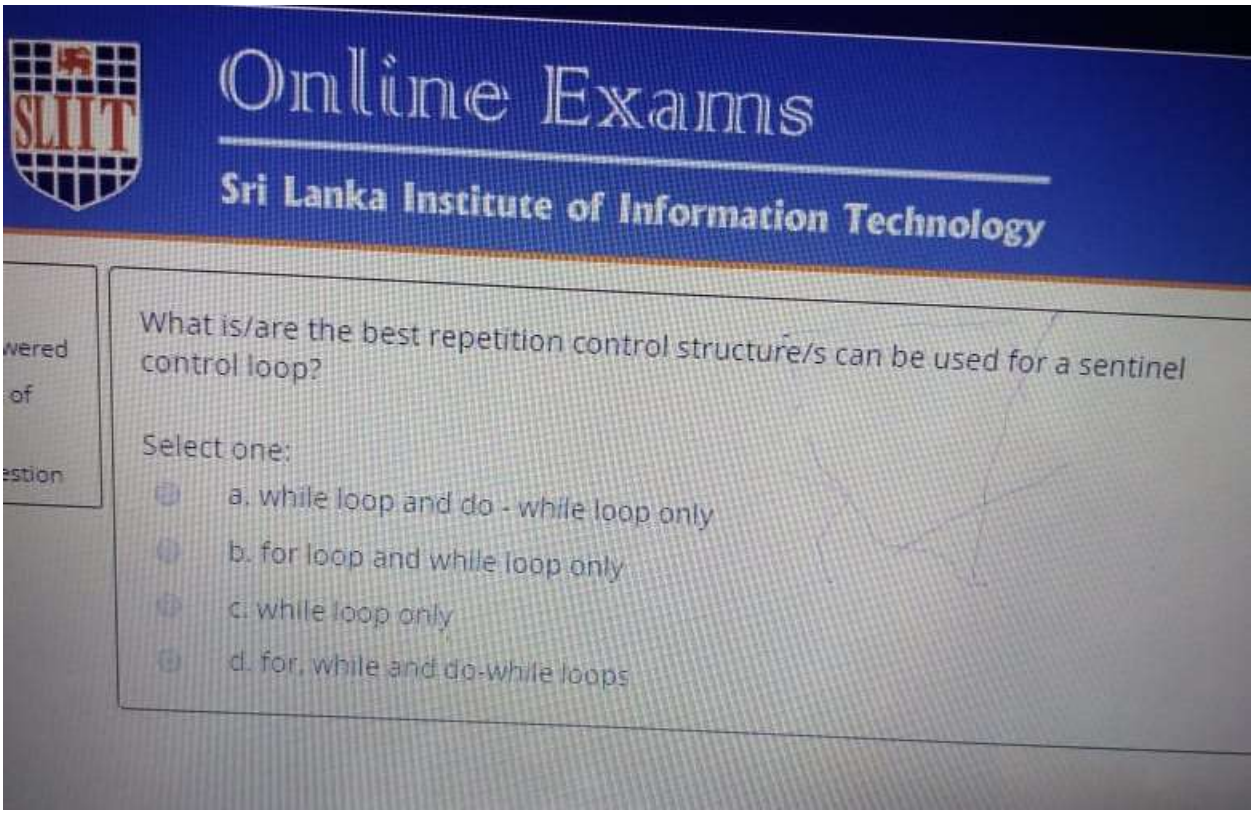
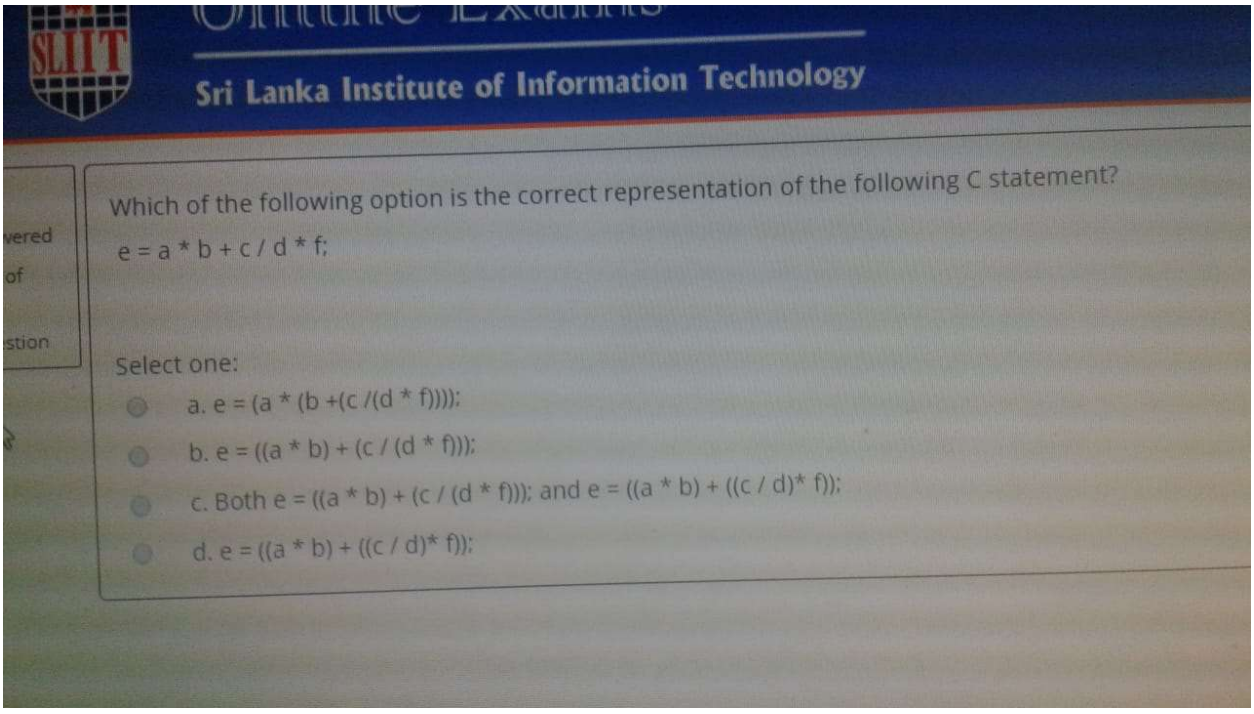
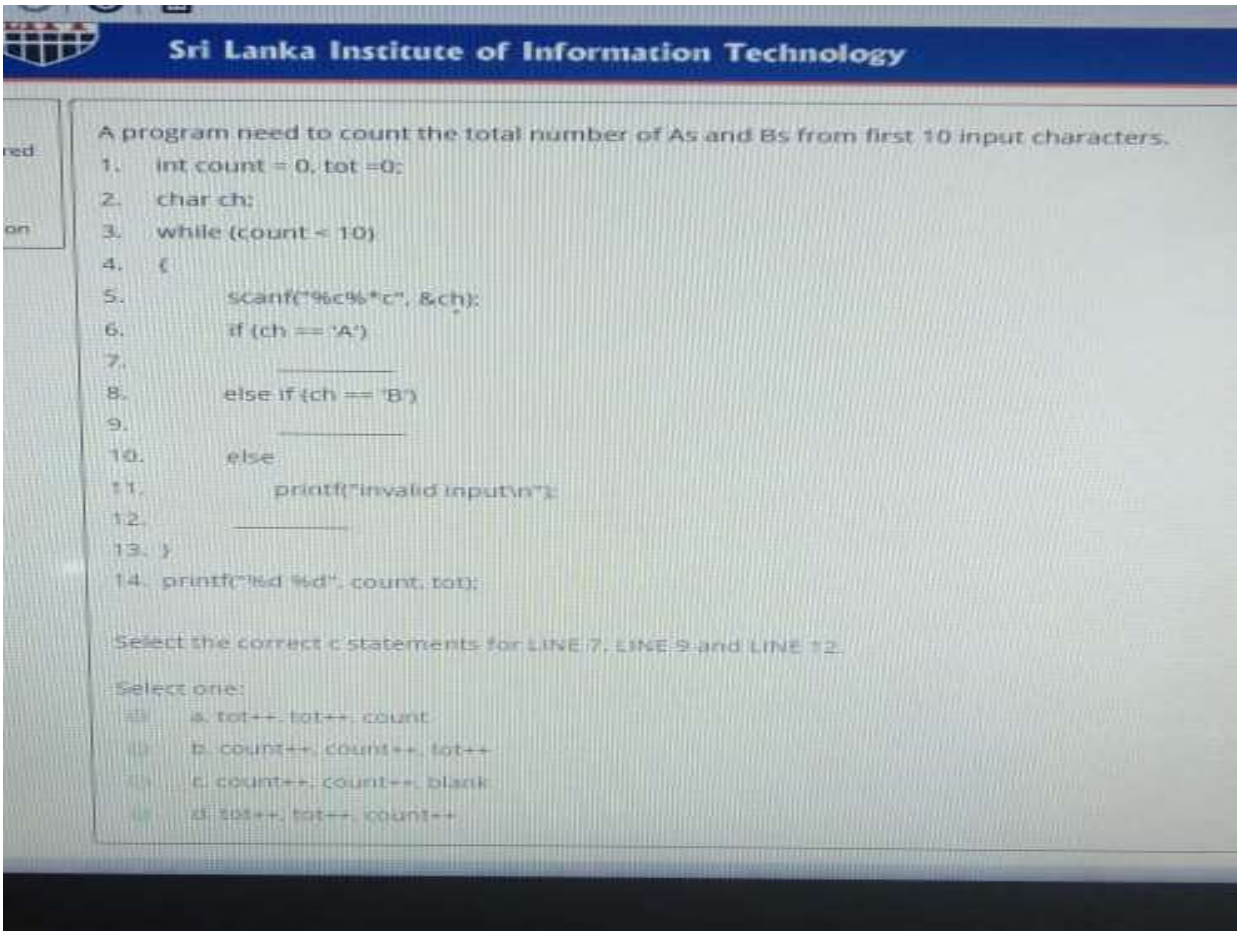
A program needs to read the weekday number from the keyboard and display the name of the day.
What is the most suitable selection statement to use in this program?
Select one:
a. If only
b. Switch only
c. if or switch
d. Other


Online Exams
Sri Lanka Institute of Information Technology
The minimum number of temporary variable/s needed to swap the content of two variables is _____
Select one:
a. 1
b. 3
c. 2
d. 0


Online Exams
Sri Lanka Institute of Information Technology
What is/are the best repetition control structure/s can be used for a sentinel control loop?
Select one:
a. while loop and do - while loop only
b. for loop and while loop only
c. while loop only
d. for, while and do-while loops


Sri Lanka Institute of Information Technology
Which of the following option is the correct representation of the following C statement?
e = a * b + c / d * f;
Select one:
a. e = (a * (b +(c /(d * f))));
b. e = ((a * b) + (c / (d * f)));
c. Both e = ((a * b) + (c / (d * f))); and e = ((a * b) + ((c / d)* f));
d. e = ((a * b) + ((c / d)* f));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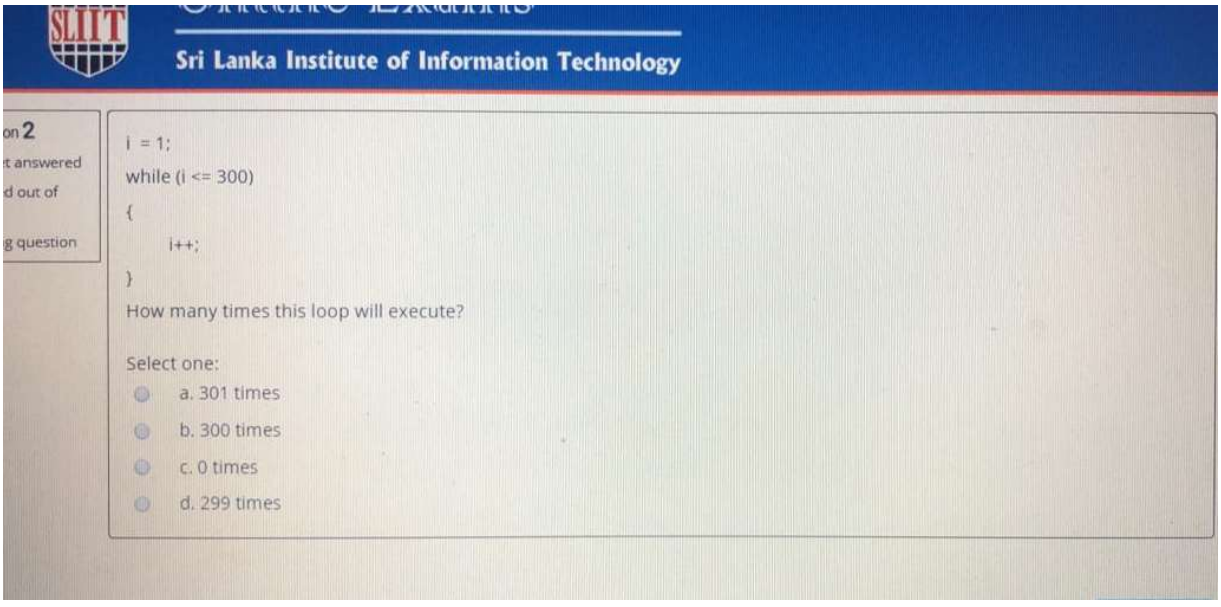
A program need to count the total number of As and Bs from first 10 input characters.
1. int count = 0, tot =0;
2. char ch;
3. while (count < 10)
4. {
5. scanf("%c%*c", &ch);
6. if (ch == 'A')
7. _____
8. else if (ch == 'B')
9. _____
10. else
11. printf("invalid input\n");
12. _____
13. }
14. printf("%d %d", count, tot);
Select the correct c statements for LINE 7, LINE 9 and LINE 12.
Select one:
a. tot++, tot++, count
b. count++, count++, tot++
c. count++, count++, blank
d. tot++, tot--, count++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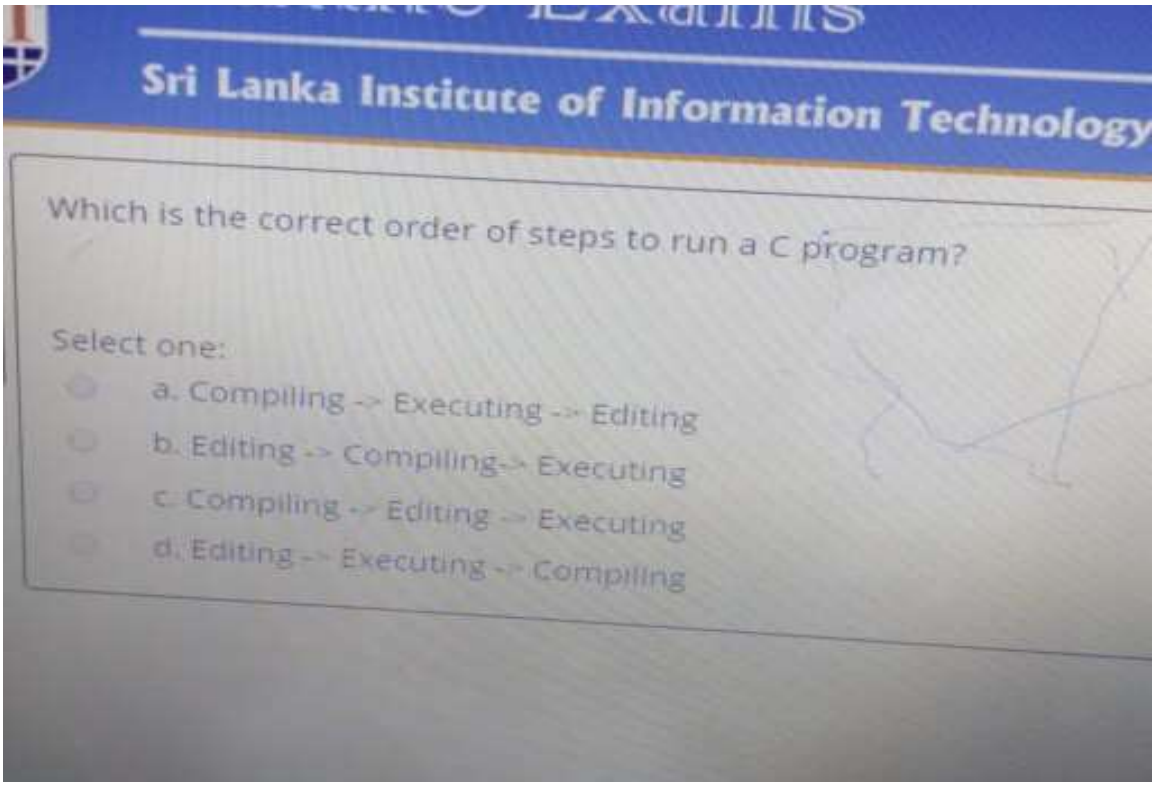
on 2
t answered
d out of
g question
i = 1;
while (i <= 300)
{
i++;
}
How many times this loop will execute?
Select one:
a. 301 times
b. 300 times
c. 0 times
d. 299 times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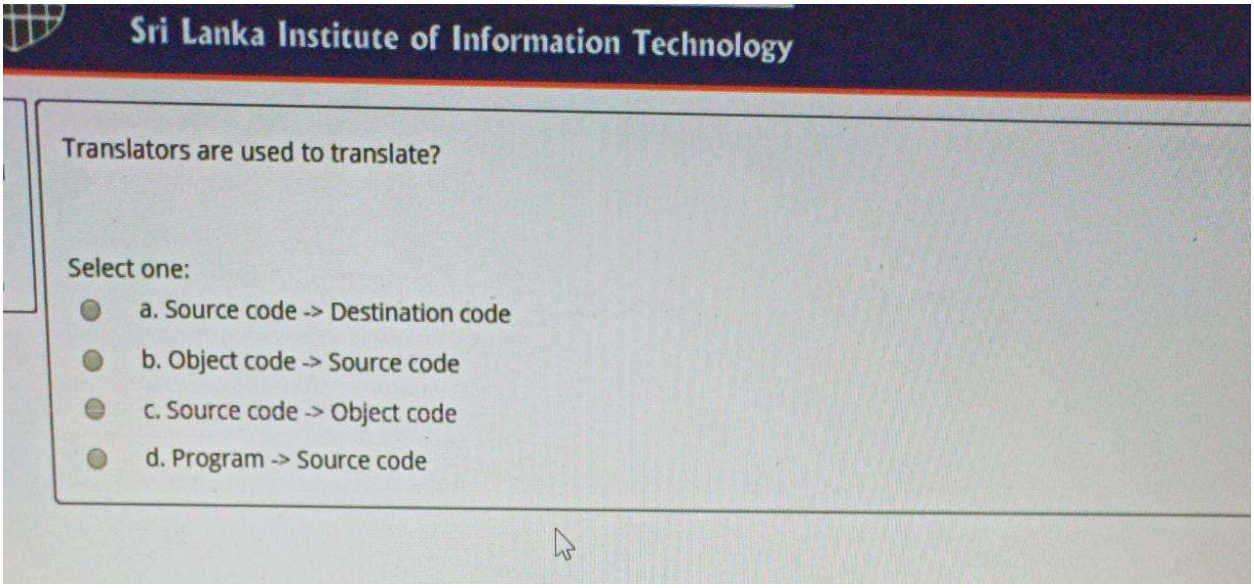
Which is the correct order of steps to run a C program?
Select one:
a. Compiling -> Executing -> Editing
b. Editing -> Compiling -> Executing
c. Compiling -> Editing -> Executing
d. Editing -> Executing -> Compiling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Translators are used to translate?
Select one:
a. Source code -> Destination code
b. Object code -> Source code
c. Source code -> Object code
d. Program -> Source code

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```
i = 1;
while (i < 300)
{
        i++;
}
```

How many times the loop body of the above code segment is executed?

Select one:

- a. 300 times
- b. 0 times
- c. 299 times
- d. 301 times

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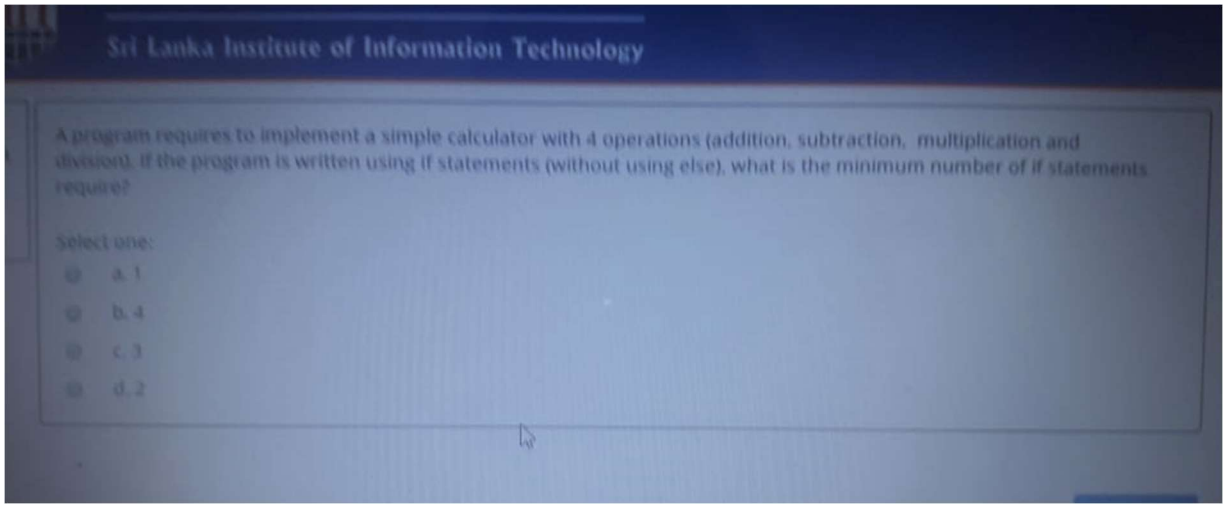
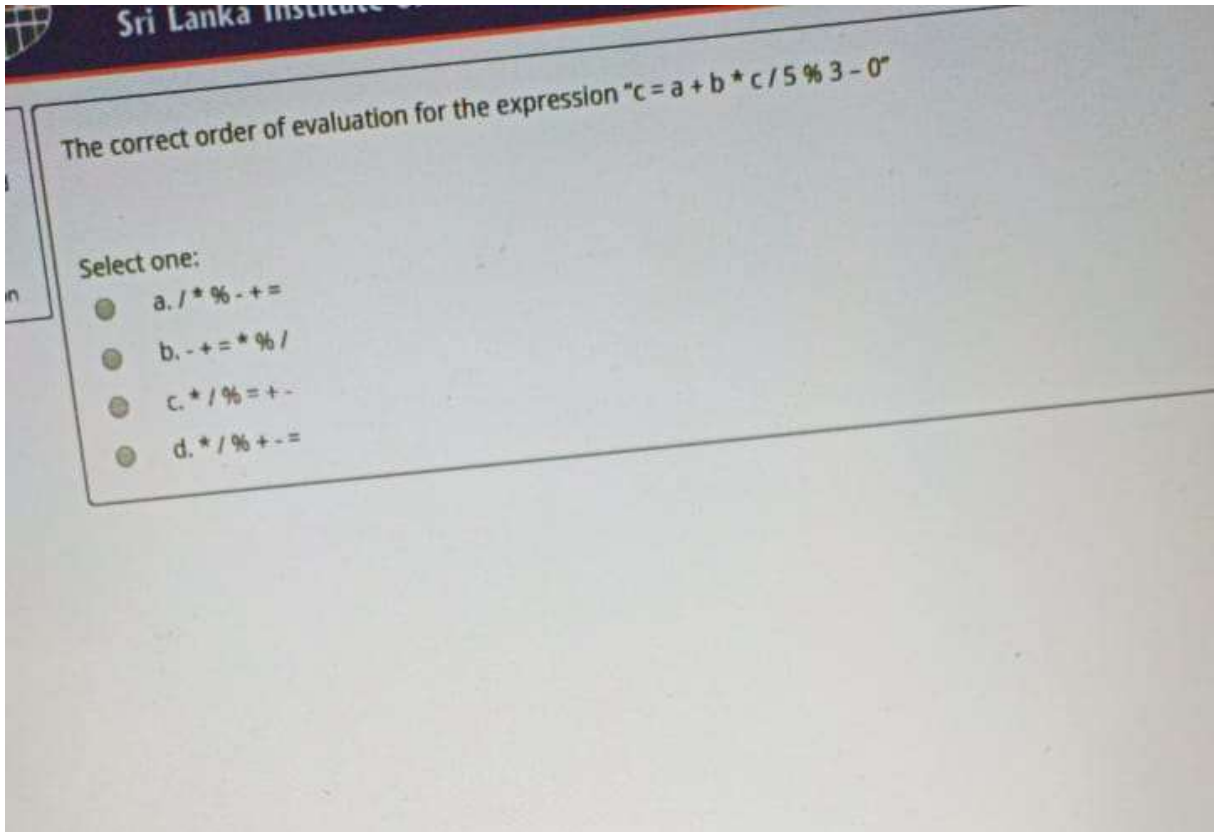
Select the incorrect statement about the conditional operator

Select one:

- a. conditional operator statements can be always converted to if – else statement
- b. conditional operator can be used to test more than one condition
- c. conditional operator statements can be always converted to switch statement
- d. conditional operator is used as a selection control structure


Sri Lanka Institute of Information Technology
A program requires to implement a simple calculator with 4 operations (addition, subtraction, multiplication and division). If the program is written using if statements (without using else), what is the minimum number of if statements require?
Select one:
a. 1
b. 4
c. 3
d. 2


The correct order of evaluation for the expression "c = a + b * c / 5 % 3 - 0"
Select one:
a. / * % - + =
b. - + = * % /
c. * / % = + -
d. * / % + - =