



NetExam

Sri Lanka Institute of Information Technology

1

swered
at of
uestion

Which of the following operators can be used to combine conditions?

Select one:

- a. Arithmetic Operators
- b. Relational Operators
- c. Logical Operators
- d. All of the above
- e. None of the above



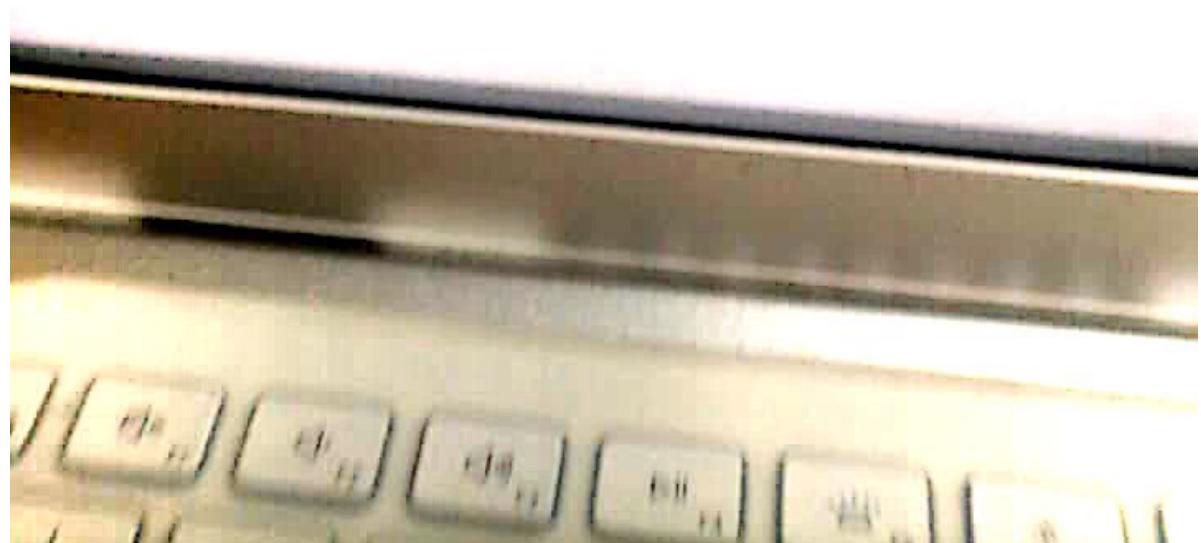
0
Answered
of
Question

What will be the output of the following code segment?

```
int a = 14;  
while(a < 20)  
{  
    if(a >= 16 && a <= 18)  
    {  
        a++;  
        continue;  
    }  
    printf("%d ", a);  
    a++;  
}
```

Select one:

- a. 14 15 19
- b. 15 19
- c. 14 15 18 19
- d. 14 15 16 18 19
- e. 15 16 17 18 19





What will be the output of the following code segment ?

```
int a = 14;  
while(a < 20)  
{  
    if(a >= 16 && a <= 18)  
    {  
        a++;  
        continue;  
    }  
    printf("%d ", a);  
    a++;  
}
```



Select one:

- a. 14 15 19
- b. 14 15 18 19
- c. 14 15 16 18 19
- d. 15 19
- e. 15 16 17 18 19



Question 3

Not yet answered
Marked out of
1.00

Flag question

What is the output of the following code segment?

```
int x = 5 , y = 8, z=8;  
x = y == z && x!=y;  
printf("%d", x);
```

Select one:

- a. 1
- b. 0
- c. 3
- d. 5
- e. Incorrect use of operators

**Question 3**

Not yet answered

Marked out of
1.00

Flag question

What is the output of the following code?

```
#include <stdio.h>
int main() {
    int value = 0;
    if(value)
        printf("Hello");
    printf("World");
    return 0;
}
```

Select one:

- a. Hello
- b. World
- c. Hello World
- d. Incorrect use of selection statement
- e. None of the above

Moodle

NetExam
Sri Lanka Institute of Information Technology

Question 20

Not yet answered

Marked out of 1.00

Flag question

Select the most suitable code segment that do the following.

- If user input number is a positive value, display number
- If user input number is a negative value, convert it into positive value and display it

Select one:

a.

```
if(number < 0)
{
    if(user < number * (-1))
        printf("%d", number);
}
else
    printf("%d", number);
```

b.

```
if(number == 0)
    printf("%d", numbers);
if(number > 0)
{
    number = number * (-1);
    printf("%d", number);
```

c.

```
if(number < 0)
    printf("%d", numbers);
if(number > 0)
{
    number = number * (-1);
    printf("%d", number);
```

d.

```
if(number < 0)
    printf("%d", numbers);
if(number > 0)
{
    number = number * (-1);
    printf("%d", number);
```

What is the output of following program?

```
while(1) {  
    printf("Hello");  
    break;  
}
```

Select one:

- a. Can't determine the output J
- b. Hello is printed unlimited number of times X
- c. No output X
- d. "Hello" X
- e. Hello



NetExam

Sri Lanka Institute of Information Technology

5

Answered
of

Question

Which one of the following is a loop construct that will always be executed at least once?

Select one:

- a. for
- b. while
- c. do while
- d. None of the above
- e. All of the above

× New Tab ×

X | i | +

 NetExam
Sri Lanka Institute of Information Technology

6
swered
it of
question

What will be the output of following code segment if user inputs 'A' as letter?
(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;  
int number = 67;  
printf("Enter letter: ");  
scanf("%c", &letter);  
number = ++letter;  
printf("%c\n", number);
```

Select one:

- a. A
- b. 65
- c. 67
- d. 66
- e. B



tion 1

/yet answered
ced out of

Flag question

Select correct statements about the following program

```
int main(void) {
    int a = 1;
    if(a++ > 0)
        if (++a < 3){
            ++a;
            printf("if");
        }
        else
            printf("else");
    return 0;
}
```

Select one or more:

- a. Incorrect placement of else statement
- b. prints if
- c. nothing is printed to the screen
- d. the value of a is equal to 3 at the end of the program
- e. prints else





Question 6

Not yet answered

Marked out of
1.00

Flag question

Consider the following C code.

```
if (finalMark >= 45) .  
    if (CAMark >= 45) .  
        printf("Pass");  
    else  
        printf("Fail");
```

Which of the following will be **true** about the above C code.

Select one or more:

- a. Can't write a if statement as above
- b. Always the if statement will not give any output
- c. The if statement will sometimes display either pass/fail
- d. The output of the if statement depends on the values of finalMark, CAMark
- e. The if statement will always display either pass/fail

[Next page](#)



ion 29

yet answered

ked out of

Flag question

What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"): printf("4");  
printf("%d",a);
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67

Question 21

Not yet answered

Marked out of
1.00

 Flag question

What is the output of following program?

```
while(1) {  
    printf("Hello");  
    break;  
}
```

Select one:

- a. Hello is printed unlimited number of times
- b. Hello
- c. Can't determine the output
- d. "Hello"
- e. No output



If $a = 2$, $b = 3$, $c = 2$, what will be the output of the following

```
printf("%d %d", !b, !(a - c));
```

Select one:

- a. 0 1
- b. 1 0
- c. 3 0
- d. 0 0
- e. None of the above



SRI LANKA
INSTITUTE OF INFORMATION TECHNOLOGY

Select correct statement/s about variables.

d

n

Select one or more:

- a. The data type of the variable decides the appropriate size of the memory location. ✓
- b. The names of the variables are not case sensitive ✗
- c. A value of a variable can be assigned to another variable. ✓
- d. Within a program, the value of the variable can be changed only once ✗
- e. The variables must be declared, before they are given a value. ✓

Sri Lanka Institute of Information Technology

Select the correct statement/s about the comments in C program.

Select one or more:

- a. Comments are case Sensitive. *(Handwritten mark: +)*
- b. Comments makes the program more understandable to both humans and the computer.
- c. Comments makes the program more understandable to the humans. *(Handwritten mark: +)*
- d. Comments are always mentioned within a single *line*. *(Handwritten mark: +)*
- e. Comments are not executed by the compiler. *(Handwritten mark: +)*

swered
t of
estion

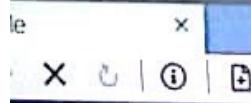
Course of Information Technology

Assume $i = 3, j = 5$ and $k = 1$. Select the correct output of the following C statements.

1. `printf("%d", j - i <= k && 7 - j >= k);`
2. `printf("%d", i >= 1 || j < 4);`

Select one:

- a. 0 0
- b. 2 2 1 5
- c. 0 1
- d. 1 1
- e. 1 0



4
answered
out of
question

ASCII value of character 'A' and 'B' are 65 and 66 respectively. What is true about the following code segment?

```
char code1 = 'A';
int code2 = 66;
switch(code1)
{
    case 65: printf("Scotland"); break;
    case 66: printf("Ireland"); break;
    default: printf("Europe");
}

printf("PALACE");
switch(code2)
{
    case 'A': printf("England"); break;
    case 'B': printf("Wales"); break;
    default: printf("Greenland");
}
```

Select one:

- a. Prints EuropePALACEGreenland
- b. Prints ScotlandPALACEWales
- c. Prints ScotlandPALACEEngland
- d. Prints ScotlandPALACEGreenland
- e. PALACE

SLIIT - Sri Lanka Institute of Information Technology

wered
of
stion

Select the suitable control structure/s for the given scenario

scenario: A program should be implemented to input the votes into a system to select the best candidate for the student council at SLIIT. There are 5 candidates and each candidate name is given to be inserted in order to vote. At the end, the candidate with the highest number of votes will be elected as the Student President at SLIIT.

A. Selection
B. Iteration
C. Sequential

Select one:

a. C only
 b. A , B, C
 c. B, C only
 d. A, B only
 e. A, C only

Nex

File X | O | I | E

NetExam
Sri Lanka Institute of Information Technology

Question 29

Not answered
1 mark out of 1

Flag question

What is true about the following for loop?

```
int k;
for(k=1; k <= 3; )
{
    printf("%d", k);
}
```

Select one:

- a. 1 is printed infinite number of times
- b. compiler error
- c. 111
- d. 123
- e. none of the above

Next page

Question 28

Not yet answered

Marked out of
1.00

 Flag question

Select the **most suitable** code segment that do the following.

- If user input **number** is a positive value, display **number**
- If user input **number** is a negative value, convert it into positive value and display it

Select one:

a.

```
if(number >= 0)
    printf("%d", number);
else
{
    number = number * (-1);
    printf("%d", number);
}
```

D

b.

```
if(number < 0)
{
    number = number * (-1);
}
printf("%d", number);
```

c.

```
if(number >= 0)
    printf("%d", number);
if(number < 0)
{
```

4

 NetExam

Sri Lanka Institute of Information Technology

Question 18

Not yet answered
Marked out of
1.00 Flag question

What is the output of following program?

```
int i = 0, j = 0;  
do {  
    if(i % 5 == 0){  
        printf("%d", j);  
        j++;  
    }  
    i++;  
}while(i<10);  
printf("%d", j);
```

Select one:

- a. 012345
- b. 0123
- c. 123
- d. 01
- e. 012





NetExam

Sri Lanka Institute of Information Technology

Question 23

Not yet answered

Marked out of

0.0

* Flag question

Iteration can be implemented using _____

Select one or more:

- a. While
- b. For
- c. Do While
- d. Switch Case
- e. All of the above



NetExam

Sri Lanka Institute of Information Technology

Which of the following can be considered as valid variables?

Select one or more:

- a. Number5
- b. Calc amount
- c. While
- d. %value
- e. basicSalary

Question 29

Not yet answered

Marked out of
1.00

 Flag question

What will be the value of m if x = 7 ?

$$m = (x > 5 ? 4 : 8);$$

Select one:

- a. 4
- b. 8
- c. 0
- d. 5
- e. No output

ooodle X

NetExam

Sri Lanka Institute of Information Technology

Question 5 Not yet answered Marked out of 1.00 Flag question

What will be the value of m if x = 7 ?
 $m = (x > 5 ? 4 : 8);$

Select one:

- a. 4
- b. 8
- c. 0
- d. 5
- e. No output.

Next page



ed

on

What is the output of below code segment?

```
int a, b;
```

```
int c;
```

```
a = 5;
```

```
b = 3;
```

```
c = b % a / b;
```

```
printf("%d",c);
```

Select one:

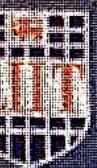
a. 3

b. 2

c. 0

 d. 1

e. 5



select correct statement.

```
int x = 1;  
while (x < 1000)  
{  
    printf("%d ", x);  
    x++;  
}
```

After the execution of above code segment,

Select one:

- a. ~~x = 1000~~ and the loop body will be executed 1000 times.
- b. x = 999 and the loop body will be executed 1000 times.
- c. ~~x < 1001~~ and the loop body will be executed 1000 times.
- d. x = 999 and the loop body will be executed 999 times.
- e. ~~x = 1000~~ and the loop body will be executed 999 times.



NetExam

Sri Lanka Institute of Information Technology

Question 1

Not yet answered

Marked out of
1.00

Flag question

What will be the output of following code segment if user inputs 'A' as letter?

(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;  
int number = 67;  
printf("Enter letter: ");  
scanf("%c", &letter);  
number = ++letter;  
printf("%c\\n", number);
```

Select one:

- a. B
- b. 67
- c. 65
- d. A.
- e. 66



NetExamination

Sri Lanka Institute of Information Technology

Question 3

Not yet answered

Marked out of
1.00

Flag question

What is the output of the following code segment?

```
int x = 5 , y = 8, z =8;  
x = y == z && x!=y;  
printf("%d", x);
```

Select one:

- a. 1
- b. 0
- c. 3
- d. 5
- e. Incorrect use of operators

1
wered
of
estion

Consider the following output.

```
Hi  
I am Kethaki  
I am studying at SLIIT
```

Which of the following code segments will generate the above output.

Select one or more:

- a. puts("Hi\n");
 puts("I am Kethaki\n");
 puts("I am studying at SLIIT");
- b. printf("Hi");
 printf("\nI am Kethaki");
 printf("\nI am studying at SLIIT");
- c. printf("Hi\n");
 printf("I am Kethaki\n");
 printf("I am studying at SLIIT");
- d. puts("Hi");
 puts("I am Kethaki");
 puts("I am studying at SLIIT");
- e. printf("Hi");
 printf("I am Kethaki");
 printf("I am studying at SLIIT");

STL ONLINE INSTITUTE OF INFORMATION TECHNOLOGY

Section 26
yet answered
Marked out of
1
Flag question

What will be the output of following code segment if user inputs 'A' as letter?
(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;  
  
int number = 67;  
  
printf("Enter letter: ");  
  
scanf("%c", &letter);  
  
number = ++letter;  
  
printf("%c\n", number);
```

Select one:

- a. A
- b. 65
- c. 67
- d. 66
- e. B



30

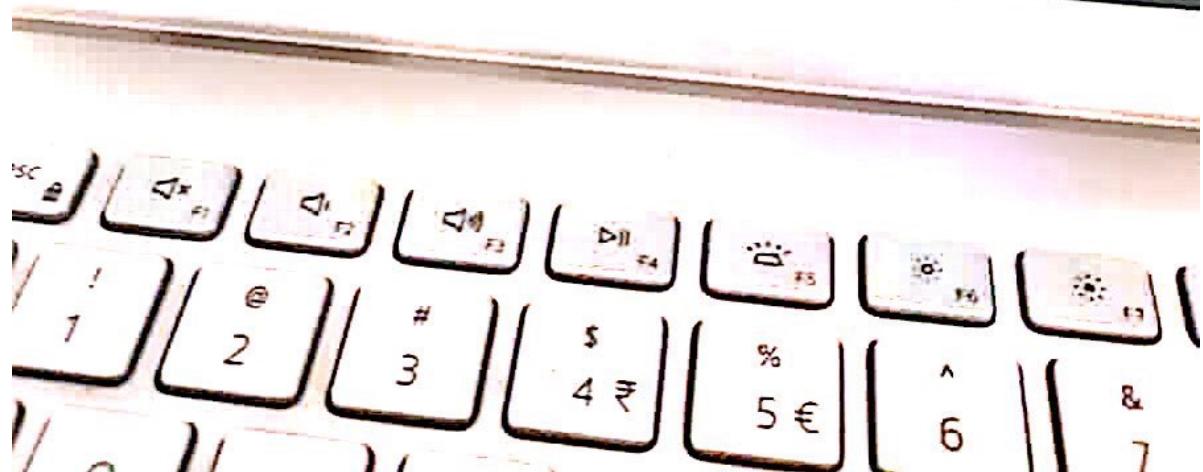
answered
not yet
question

What is true about the following code segment?

```
int a=23;  
do{  
    printf("%d ", a--);  
    if(a < 20)  
        break;  
}while(1);
```

Select one:

- a. It prints 22, 21, 20
- b. 23
- c. It prints 23 22 21 20
- d. it prints 23 22 21 20 19
- e. It prints infinite list of numbers 23 22 21 200....-1 -2 -3



Not yet answered

Marked out of
1.00

Flag question

What will be the output of following code segment if user inputs 'A' as letter?

(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;
```

```
int number = 67;
```

```
printf("Enter letter: ");
```

```
scanf("%c", &letter);
```

```
number = ++letter;
```

```
printf("%c\n", number);
```

Select one:

- a. B
- b. 67
- c. 65
- d. 66
- e. A



Question 10

Not yet answered

Marked out of
1.00

 Flag question

What is the output of following program?

```
int a=3;  
while(a<10){  
    ++a;  
    if( a>=7 && a<=10 ){  
        continue;  
    }  
    printf("%d ", a );  
}
```

Select one:

- a. 4 5 6
- b. 4 5 6 7
- c. 7 8 9 10
- d. 3
- e. 3 4 5 6

7 - 10

4 5 6



NetExam

Sri Lanka Institute of Information Technology

ion 22

et answered
ed out of

ag question

What is the output of the following code segment?

```
int x = 5, y = 8, z = 8;  
x = y == z && x!=y;  
printf("%d", x);
```

Select one:

- a. 1
- b. 3
- c. 5
- d. Incorrect use of operators
- e. 0

✓



NetExam

Sri Lanka Institute of Information Technology

Question 20

Not yet answered

Marked out of
1.00

Flag question

Which of the following can be used to access the memory address of a variable?

Select one:

- a. @
- b. &
- c. ^
- d. +
- e. #

 Sri Lanka Institute of Information Technology

Question 14
Not yet answered
Marked out of 1.00

What is the output of the following program?

```
int main(void)
{
    int a = 10;
    int b = 6;
    a = a + b;
    ++a
    printf("%d \n", a++);
}
```

16

L4

Select one:

- a. 10
- b. 17
- c. 18
- d. 19
- e. 19

Select correct statement/s about variables.

Select one or more:

- a. The data type of the variable decides the appropriate size of the memory location.
- b. Within a program, the value of the variable can be changed only once.
- c. The variables must be declared, before they are given a value.
- d. A value of a variable can be assigned to another variable.
- e. The names of the variables are not case sensitive.



What will be the output of following code segment if user inputs 'A' as letter?

(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;
```

```
int number = 67;
```

```
printf("Enter letter: ");
```

```
scanf("%c", &letter);
```

```
number = ++letter;
```

```
printf("%c\n", number);
```

Select one:

- a. 67
- b. 66
- c. A
- d. 65
- e. B

Which of the following operators can be used to combine conditions?

Select one:

- a. Arithmetic Operators
- b. Relational Operators
- c. Logical Operators
- d. All of the above
- e. None of the above





NetExam

Sri Lanka Institute of Information Technology

Question 18

Not yet answered

Marked out of
1.00

Flag question

What is the output of following program?

```
int a=3;  
while(a<10) {  
    ++a;  
    if( a>=7 && a<=10 ) {  
        continue;  
    }  
    printf("%d ", a);  
}
```

Select one:

- a. 4 5 6
- b. 4 5 6 7
- c. 7 8 9 10
- d. 3
- e. 3 4 5 6

Consider the following structure.

```
struct student
```

```
{
```

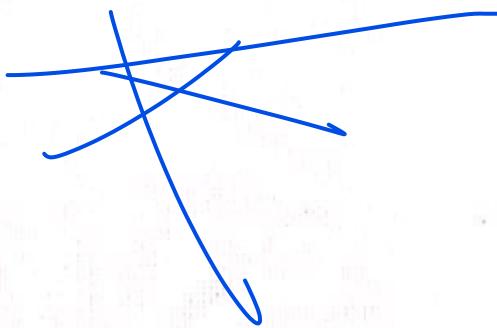
```
    int stdID;
```

```
    int age;
```

```
    char gender;
```

```
    int qty;
```

```
} std1, std2;
```



Select the incorrect statement/s about the above structure.

Select one or more:

- a. std1 and std2 are user defined data types.
- b. stdID, age, gender, qty are user defined data types.
- c. 'student' is a user defined data type.
- d. 'struct student' is a keyword.
- e. struct is a keyword.

Google

NetExam
Sri Lanka Institute of Information Technology

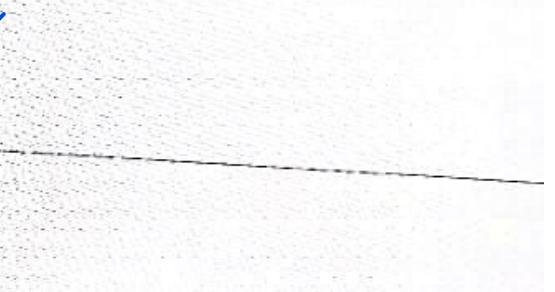
Question 12
Not answered
1 out of 1
Flag question

Which one of the following is a loop construct that will always be executed at least once?

Select one:

- a. for
- b. while
- c. do while
- d. None of the above
- e. All of the above

DELL



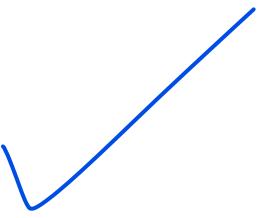
NetExam
Sri Lanka Institute of Information Technology

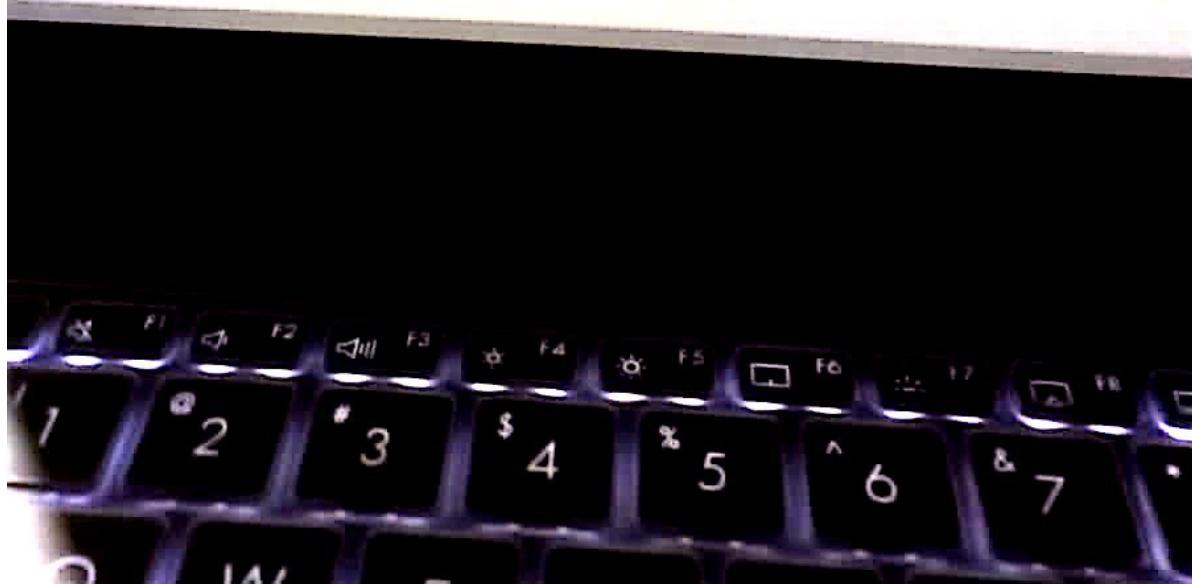
5 answered 1 out of 1 question

What is the output of following program?

```
int a=3;
while(a<10) {
    ++a;
    if( a>=7 && a<=10 ) {
        continue;
    }
    printf("%d ", a );
}
```

Select one:

- a. 4 5 6
- b. 4 5 6 7 
- c. 7 8 9 10
- d. 3
- e. 3 4 5 6



NetExam



Sri Lanka Institute of Information Technology

5

wered
t of

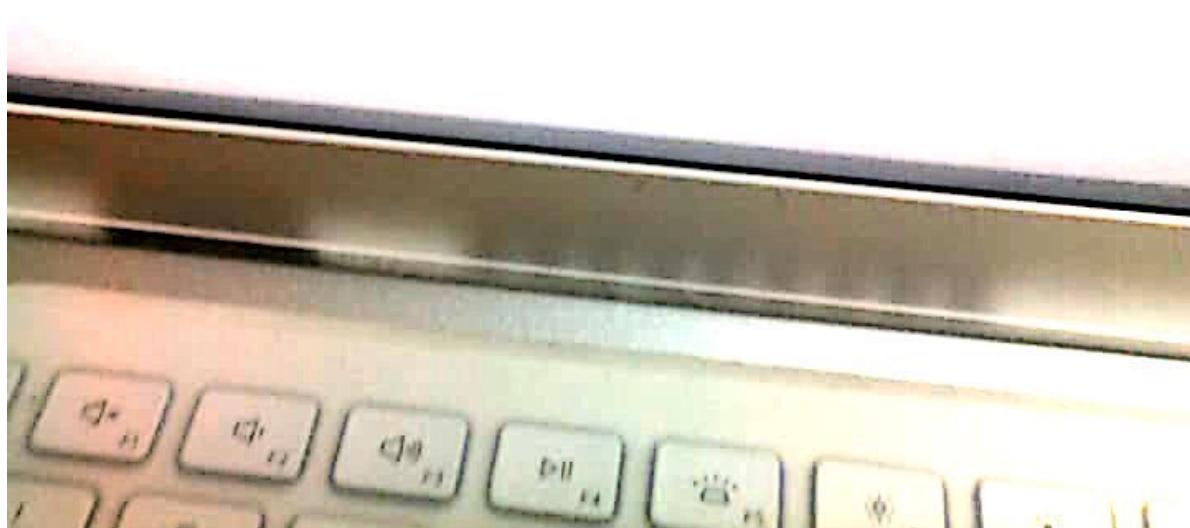
estion

What would be the output of the following statements

int var = 2; var = 4; printf("%d", var);

Select one:

- a. 4
- b. Can't overwrite variable values.
- c. Incorrect initialization of var variable.
- d. Can't write more than one statement in a single line.
- e. 2



What is true about the following for loop?

```
int k;  
for(k=1; k <= 3; D)  
{  
    printf("%d ", k);  
}
```

Select one:

- a. 1 is printed infinite number of times
- b. compiler error
- c. 111
- d. 123
- e. none of the above



Moodle

NetExam
Sri Lanka Institute of Information Technology

Question 7
Not yet answered
Marked out of 1.00
Flag question

What will be the output of following code segment if user inputs 'A' as letter?
(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;
int number = 67;
printf("Enter letter: ");
scanf("%c", &letter);
number = ++letter;
printf("%c\n", number);
```

Select one:

- a. 67
- b. 65
- c. 66
- d. A
- e. B

Next page





on 17

it answered

ed out of

ag question

Find the output of following program.

```
#include<stdio.h>
int main() {
    int x = 2;
    if (x == 2){
        printf("a");
        printf("b");
    }
    else
        printf("c");
    printf("d");
    return 0;
}
```

Select one:

- a. abc
- b. cd
- c. abcd
- d. abd
- e. ab



Select correct statements about the following program

```
int main(void) {  
    int a = 1;  
    if(a++ > 0)  
        if (++a < 3){  
            ++a;  
            printf("if");  
        }  
        else  
            printf("else");  
    return 0;  
}
```

Select one or more:

- a. nothing is printed to the screen
- b. Incorrect placement of else statement
- c. the value of a is equal to 3 at the end of the program
- d. prints else
- e. prints if



SRI LANKA
INSTITUTE OF
TECHNOLOGY

Sri Lanka Institute of Information Technology

The ASCII values of 'A' is 65. What is the output of following statement?

```
printf("Character (%c) = value %d and Character (%c) = value %i \n", 'C','C','A','A');
```

Select one:

- a. Character (C) = value 67 and Character (A) = value 67
- b. Character (C) = value 67 and Character (A) = value 65
- c. Character (C) = value 65 and Character (A) = value 67
- d. Character (A) = value 67 and Character (C) = value 65
- e. Character (C) = value 66 and Character (A) = value 65

**12**answered
out of
question

Which of the following statements are correct about the following code segment?

```
int k = 12;
switch(k){
    case k >= 20: printf("Case1 ");break;
    case k < 20: printf("Case2"); break;
    default: printf("Default");
}
printf("exit");
```

Select one:

- a. prints Default
- b. prints case2exit
- c. expression used in switch is invalid
- d. prints case2Defaultexit
- e. case statements are invalid



Question 8

Not yet answered
Marked out of
0.00

Flag question

What is the output of following code segment?

```
int value = 10;  
if(value < 10 || value > 10)  
{  
    printf("Hello ");  
}  
else  
{  
    printf("SLIIT");  
}
```

Select one:

- a. The code segment will not be executed since given condition is written incorrectly.
- b. SLIIT
- c. No output
- d. Hello
- e. Hello SLIIT

Next page

Final

Time

1

QUEST

1

8

15

22

29

31

FEEDBA

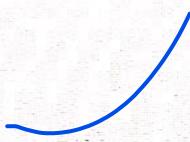


What will be the value of m if x = 7 ?

$$m = (x > 5 ? 4 : 8);$$

Select one:

- a. 4
- b. 8
- c. 0
- d. 5
- e. No output





What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"); printf("4");  
printf("%d",a); ↴
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67



NetExam

Sri Lanka Institute of Information Technology

Question 6

Not yet answered

Marked out of
1.00

Flag question

Choose the correct output of the following statement

```
printf("%d%d",2,4);
```

Select one:

- a. 6
- b. 4
- c. 2+4
- d. 2 4
- e. 2





What is the output of following program?

```
int a=3;  
while(a<10) {  
    ++a;  
    if( a>=7 && a<=10 ) {  
        ↴continue;  
    }  
    printf("%d ", a );  
}
```

Select one:

- a. 4 5 6
- b. 4 5 6 7
- c. 7 8 9 10
- d. 3
- e. 3 4 5 6

Question 3

Not yet answered

Marked out of
1.00

 Flag question

What is the output of the following piece of code?

```
int i;  
for(i = 0; i<5; i++);  
printf("%d", i);
```

S

Select one:

- a. Syntax error
- b. 5
- c. 012345
- d. 01234
- e. 4

Question 5

Not yet answered

Marked out of
1.00

 Flag question

What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"): printf("4");  
printf("%d",a);
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67



Select correct statement/s about variables.

Select one or more:

- a. The data type of the variable decides the appropriate size of the memory location.
- b. The names of the variables are not case sensitive.
- c. The variables must be declared, before they are given a value.
- d. A value of a variable can be assigned to another variable.
- e. Within a program, the value of the variable can be changed only once.

Module

NetExam

Sri Lanka Institute of Information Technology

on 12
answered
d out of
g question

What is the output of the following code segment?

```
int x = 5, y = 8, z = 8;  
x = y == z && x != y;  
printf("%d", x);
```

Select one:

- a. Incorrect use of operators
- b. 5
- c. 3
- d. 0
- e. 1



e X |

X | i | +

 NetExam
Sri Lanka Institute of Information Technology

9 answered out of 1 question

Which of the following can be used to access the memory address of a variable?

Select one:

- a. @
- b. #
- c. +
- d. ^
- e. &

A blue checkmark is drawn next to option 'a. @'.



NetExam

Sri Lanka Institute of Information Technology

Question 6

Not yet answered

Marked out of
1.00

Flag question

A C program needs to be developed for the given scenario

scenario: Check the age of a Sri Lankan citizen for vaccination. The age must be between 20 and 29.)

What would be the ideal control structure/s to be used ?

- A. Selection
- B. Iteration
- C. Sequential

Select one:

- a. A
- b. A and B
- c. A and C
- d. C
- e. B

Question 12

Not yet answered

Marked out of
1.00

 Flag question

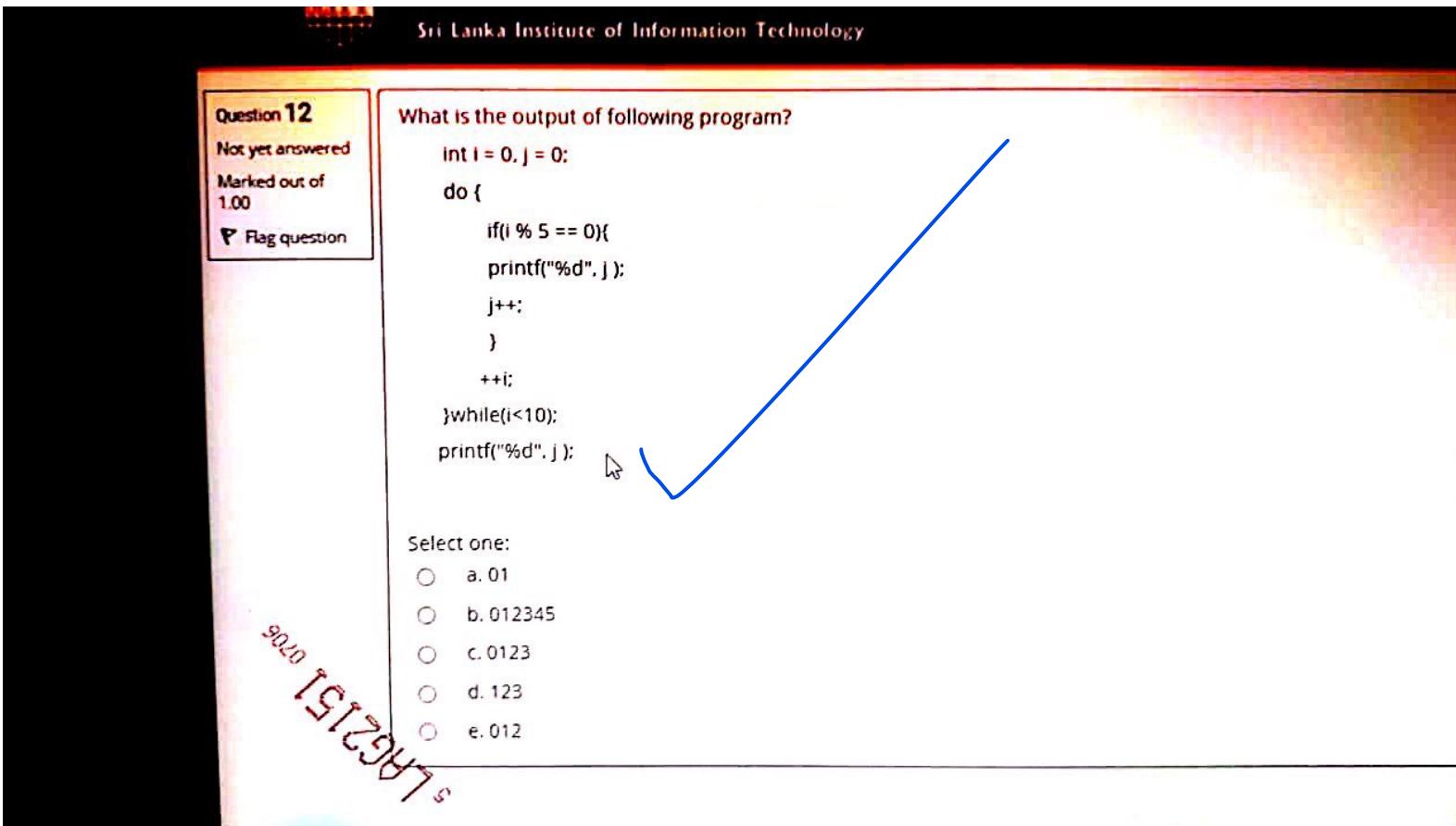
What is the output of following program?

```
int i = 0, j = 0;  
do {  
    if(i % 5 == 0){  
        printf("%d", j);  
        j++;  
    }  
    ++i;  
}while(i<10);  
printf("%d", j);
```

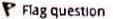


Select one:

- a. 01
- b. 012345
- c. 0123
- d. 123
- e. 012



 NetExam
Sri Lanka Institute of Information Technology

Question 30
Not yet answered
Marked out of 1.00


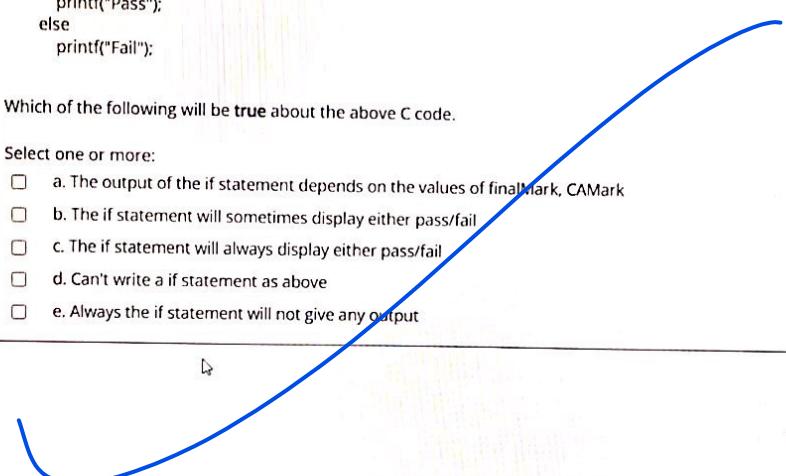
Consider the following C code.

```
if (finalMark >= 45)
    if (CAMark >= 45)
        printf("Pass");
    else
        printf("Fail");
```

Which of the following will be true about the above C code.

Select one or more:

- a. The output of the if statement depends on the values of finalMark, CAMark
- b. The if statement will sometimes display either pass/fail
- c. The if statement will always display either pass/fail
- d. Can't write a if statement as above
- e. Always the if statement will not give any output



[Next page](#)

≡ QL
Finish 0
Time left:

QUESTI
1 1
9 1
17 1
25 26
FEEDBAC
31

What is the output of the following program.

```
int main(void)
{
    int a = 10;
    int b = 6;
    a = a + b;
    ++a;
    printf("%d \n", a++);
```

Select one:

- a. 18
- b. 10
- c. 6
- d. 17
- e. 19



odile x

it21

NetExam
Sri Lanka Institute of Information Technology

Question 6
Not yet answered
Marked out of 1.00
Flag question

A C program needs to be developed for the given scenario
scenario: Check the age of a Sri Lankan citizen for vaccination. The age must be between 20 and 29.
What would be the ideal control structure/s to be used ?

A. Selection
B. Iteration
C. Sequential

Select one:

a. A
 b. A and C
 c. A and B
 d. B
 e. C

Next page

The ASCII values of 'A' is 65. What is the output of following statement?

```
printf("Character (%c) = value %d and Character (%c) = value %d\n", 'C','C','A','A');
```

Select one:

- a. Character (C) = value 65 and Character (A) = value 67
- b. Character (C) = value 67 and Character (A) = value 65
- c. Character (A) = value 67 and Character (C) = value 65
- d. Character (C) = value 67 and Character (A) = value 67
- e. Character (C) = value 66 and Character (A) = value 65

Next page

FEEDBA

Question 21

Not yet answered

Marked out of
1.00

Flag question

What is the output of following program?

```
while(1) {  
    printf("Hello");  
    break;  
}
```

Select one:

- a. Hello is printed unlimited number of times
- b. Hello
- c. Can't determine the output
- d. "Hello"
- e. No output

Select the correct preprocessor directive of C language.

Select one:

- a. #inc ude<iostream>
- b. #include<math.c>
- c. #inc ude<stdio>
- d. #include<string>
- e. None of the above





Question 8

Not yet answered

Marked out of
1.00 Flag question

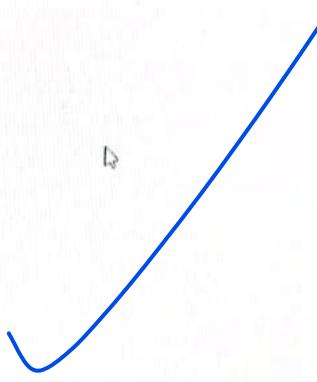
Select the **most suitable** code segment that do the following.

- If user input **number** is a positive value, display **number**
- If user input **number** is a negative value, convert it into positive value and display it

Select one:

a.

```
if(number >= 0)
    printf("%d", number);
else
{
    number = number * (-1);
    printf("%d", number);
}
```



b.

```
if(number < 0)
{
    number = number * (-1);
    printf("%d", number);
}
else
    printf("%d", number);
```

c.

```
if(number >= 0)
    printf("%d", number);
if(number < 0)
```





NetExam

Sri Lanka Institute of Information Technology

14

Answered
out of
question

If the ASCII value of A is 65 and a is 97, what will be the output of the following C statement.
`printf("%d", 'A'+32);`

C

Select one:

- a. 'a'
- b. Can't write a statement like above
- c. 'A' + 32
- d. a
- e. 97

DELL



ion 6

et answered
ed out of

ag question

Select the **most** suitable control structure/s to implement a C program for the given scenario
scenario: Write a program to enter positive numbers until the user enters a negative number

- A. if-else
- B. while
- C. switch

Select one:

- a. B and C only
- b. A and B only
- c. B only
- d. C only
- e. A only



Sri Lanka Institute of Information Technology

Question 8

Not yet answered

Marked out of
1.00

Flag question

A C program needs to be developed for the given scenario
scenario: Check the age of a Sri Lankan citizen for vaccination. The age must be between
What would be the ideal control structure/s to be used ?

- A. Selection
- B. Iteration
- C. Sequential

Select one:

- a. A and B
- b. C
- c. A
- d. A and C
- e. B



NetExamination

Sri Lanka Institute of Information Technology

Question 7

Not yet answered

Marked out of
1.00

Flag question

Choose the correct output of the following statement

```
printf("%d+%d",2,4);
```

Select one:

- a. 4
- b. 2 4
- c. 2+4
- d. 2
- e. 6



ion 9

et answered

ed out of

Flag question

What is the output of the below code segment?

```
int a=4,b,c;  
b = --a;  
c = a--;  
printf("%d %d %d",a,b,c);
```

Select one:

- a. 3 3 2
- b. 2 3 2
- c. 2 3 3
- d. 3 2 2
- e. None of the above

Q P V E R T Y U
D F G H

 NetExam

Sri Lanka Institute of Information Technology

Select the statement that best describe sentinel control repetition

Select one:

- a. Any repetition statement in C language can be used
- b. Number of repetition is unknown at the beginning
- c. Sentinel value can't be zero
- d. All of the above
- e. None of the above

A C program needs to be developed for the given scenario

scenario: Check the age of a Sri Lankan citizen for vaccination. The age must be between 20 and 29.

What would be the ideal control structure/s to be used?

- A. Selection
- B. Iteration
- C. Sequential

Select one:

- a. B
- b. C
- c. A and B
- d. A and C
- e. A



13

answered

out of

question

Select the statement that best describe sentinel control repetition

Select one:

- a. Any repetition statement in C language can be used
- b. Number of repetition is unknown at the beginning
- c. Sentinel value can't be zero
- d. All of the above
- e. None of the above

**Question 20**

Not yet answered

Marked out of
1.00

Flag question

When $y = 5$, which of the following printf statements will be executed.

```
switch (y)
{
    case 5: printf("Case 1\n");
    case 3: printf("Case 3\n");
    default: printf("***\n");
}
```

Select one:



a.
printf("Case 1\n");
printf("Case 3\n");
printf("***\n");

b.

printf("Case 1\n");
printf("***\n");

c.

printf("Case 1\n");
printf("***\n");

d.

printf("Case 1\n");

e.

printf("***\n");





NetExam

Sri Lanka Institute of Information Technology

1
swered
at of
uestion

Select the correct statement/ statements.

Select one or more:

- a. Characters can be read with scanf by using the conversion specifier %c X
- b. getchar function reads more than one character from the keyboard X
- c. Conditional operator represents using (?) ✓
- d. Break statement terminates the execution of a loop. ✓
- e. The switch statement consists of a series of case labels. ✓





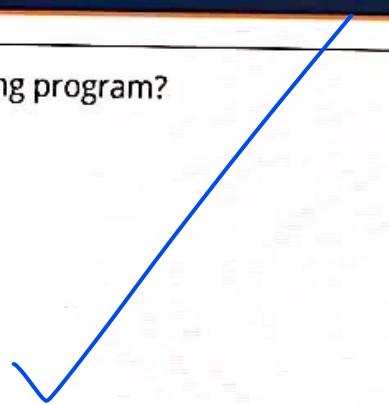
NetExam

Sri Lanka Institute of Information Technology

8
Answered
out of
question

What is the output of following program?

```
int i = 0, j = 0;  
do {  
    if(i % 5 == 0){  
        printf("%d", j );  
        j++;  
    }  
    ++i;  
}while(i<10);  
printf("%d", j );
```



Select one:

- a. 123
- b. 0123
- c. 01
- d. 012
- e. 012345





NetExamination

Sri Lanka Institute of Information Technology

Question 7

Not yet answered

Marked out of
1.00

Flag question

Choose the correct output of the following statement

```
printf("%d+%d",2,4);
```

Select one:

- a. 4
- b. 2 4
- c. 2+4
- d. 2
- e. 6



10

answered
out of

question

Find the output of following program.

```
#include<stdio.h>
int main() {
    int x = 2;
    if (x == 2){
        printf("a");
        printf("b");
    }
    else
        printf("c");
    printf("d");
    return 0;
}
```

Select one:

- a. abd
- b. ab
- c. cd
- d. abc
- e. abcd

4
answered
out of
question

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"): printf("4");  
printf("%d",a);
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67

Next page

≡ (

Finis

Tim

1

QU

1

9

1

2

FE

3

Consider the following for loop.

```
int x;  
for (x = 10 ; x <= 20 , x+=2)  
    printf("%d ", x);
```



10

10

10
10

10
10

10
10
10

2



How many times the expressions $x = 10$, $x \leq 20$, $x += 2$ will be executed in the loop.

Select one:

- a. 1, 7, 6
- b. 1, 5, 5
- c. 1, 10, 10
- d. 1, 6, 5
- e. 1, 11, 5

Not yet answered

Marked out of
1.00

 Flag question

What will be the output of the following code segment ?

```
int a = 14;  
while(a < 20)  
{  
    if(a >= 16 && a <= 18)  
    {  
        a++;  
        continue;  
    }  
    printf("%d ", a);  
    a++;  
}
```

Select one:

- a. 14 15 18 19
- b. 14 15 16 18 19
- c. 15 19
- d. 15 16 17 18 19
- e. 14 15 19

 Next

The ASCII values of 'A' is 65. What is the output of following statement?

printf("Character (%c) = value %d and Character (%c) = value %i \n", 'C','C','A','A');

Select one:

- a. Character (C) = value 67 and Character (A) = value 65
- b. Character (A) = value 67 and Character (C) = value 65
- c. Character (C) = value 65 and Character (A) = value 67
- d. Character (C) = value 67 and Character (A) = value 67
- e. Character (C) = value 66 and Character (A) = value 65



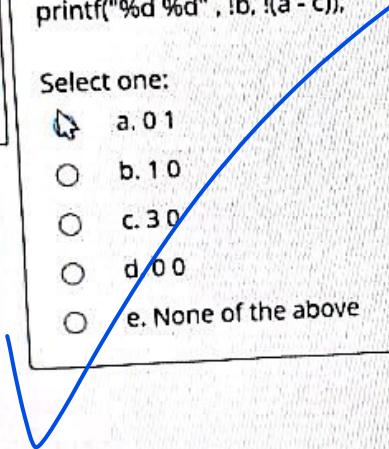
File X |  NetExam
Sri Lanka Institute of Information Technology

Question 4
answered
out of
question

If $a = 2$, $b = 3$, $c = 2$, what will be the output of the following printf statement.
`printf("%d %d", !b, !(a - c));`

Select one:

- a. 0 1
- b. 1 0
- c. 3 0
- d. 0 0
- e. None of the above





NetExamination

Sri Lanka Institute of Information Technology

1
answered
3 out of
g question

Select the **most** suitable control structure/s to implement a C program for the given scenario
scenario: Write a program to enter positive numbers until the user enters a negative number

- A. if-else
- B. while
- C. switch

Select one:

- a. A and B only
- b. B and C only
- c. B only
- d. C only
- e. A only



Next Question

on 1
answered
1 out of
tag question

NetExam
Sri Lanka Institute of Information Technology

ASCII value of character 'A' and 'B' are 65 and 66 respectively. What is true about the following code segment?

```
char code1 = 'A';
int code2 = 66;
switch(code1)
{
    case 65: printf("Scotland");break;
    case 66: printf("Ireland"); break;
    default: printf("Europe");
}
printf("PALACE");
switch(code2)
{
    case 'A': printf("England");break;
    case 'B': printf("Wales"); break;
    default: printf("Greenland");
}
```

Select one:

- a. Prints ScotlandPALACEEngland
- b. Prints ScotlandPALACEGreenland
- c. Prints ScotlandPALACEWales
- d. Prints EuropePALACEGreenland
- e. PALACE



Sri Lanka Institute of Information Technology

tion 4

yet answered

ced out of

Flag question

What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"): printf("4");  
printf("%d",a);
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67

tion 5

yet answered

marked out of

0

Flag question

select correct statement.

```
int x = 1;  
while (x < 1000)  
{  
    printf("%d ", x);  
    x++;  
}
```

After the execution of above code segment,

Select one:

- a. x = 599 and the loop body will be executed 999 times.
- b. x = 1001 and the loop body will be executed 1000 times.
- c. x = 1000 and the loop body will be executed 999 times.
- d. x = 1000 and the loop body will be executed 1000 times.
- e. x = 599 and the loop body will be executed 1000 times.



Ã



NetExamination

Sri Lanka Institute of Information Technology

red

:

ion

What is the output of the below code?

```
int a = 0;  
a = 7 > 2 ? printf("6"): printf("4");  
printf("%d",a);
```

Select one:

- a. 11
- b. 61
- c. 66
- d. 10
- e. 67



Select correct statements about the following program

```
int main(void) {  
    int a = 1;  
    if(a++ > 0)  
        if (++a < 3){  
            ++a;  
            printf("if");  
        }  
    else  
        printf("else");  
    return 0;  
}
```

Select one or more:

- a. Incorrect placement of else statement
- b. prints if
- c. prints else
- d. nothing is printed to the screen
- e. the value of a is equal to 3 at the end of the program



NetExamination

Sri Lanka Institute of Information Technology

Question 2

Not yet answered

Marked out of
1.00

Flag question

What would be the output of the following statements

```
int var = 2; var = 4; printf("%d", var);
```

Select one:

- a. 2
- b. Can't overwrite variable values.
- c. 4
- d. Incorrect initialization of var variable.
- e. Can't write more than one statement in a single line.



NetExam

Sri Lanka Institute of Information Technology

Question 2

Not yet answered

Marked out of
1.00

Flag question

What will be the output of following code segment if user inputs 'A' as letter?

(ASCII values of 'A', 'B', 'C', 'D' are 65, 66, 67, 68)

```
char letter;  
int number = 67;  
printf("Enter letter: ");  
scanf("%c", &letter);  
number = ++letter;  
printf("%c\n", number);
```

Select one:

- a. A
- b. B
- c. 67
- d. 65
- e. 66



Question 2

yet answered

Marked out of

1

Flag question

Consider the following C code.

```
if (finalMark >= 45)
    if (CAMark >= 45)
        printf("Pass");
    else
        printf("Fail");
```

Which of the following will be true about the above C code.

Select one or more:

- a. The output of the if statement depends on the values of finalMark, CAMark
- b. Can't write a if statement as above
- c. The if statement will always display either pass/fail
- d. The if statement will sometimes display either pass/fail
- e. Always the if statement will not give any output



Qn 22

Answered

3 out of

g question

ASCII value of character 'A' and 'B' are 65 and 66 respectively. Wh

```
char code1 = 'A';
int code2 = 66;
switch(code1)
{
    case 65: printf("Scotland");break;
    case 66: printf("Ireland"); break;
    default: printf("Europe");
}
printf("PALACE");
switch(code2)
{
    case 'A': printf("England");break;
    case 'B': printf("Wales"); break;
    default: printf("Greenland");
}
```

Select one:

- a. Prints ScotlandPALACEEngland
- b. PALACE
- c. Prints ScotlandPALACEGreenland
- d. Prints EuropePALACEGreenland
- e. Prints ScotlandPALACEWales

Question 3

Not yet answered

Marked out of
1.00

 Flag question

What is the output of the following piece of code?

```
int i;  
for(i = 0; i<5; i++);  
printf("%d", i);
```

Select one:

- a. Syntax error
- b. 5
- c. 012345
- d. 01234
- e. 4

idle x

→ X | ① | ②

NetExam
Sri Lanka Institute of Information Technology

tion 6 yet answered
ked out of 1
Flag question

Select the correct statement/s about the comments in C program.

Select one or more:

a. Comments are case Sensitive.
 b. Comments are not executed by the compiler.
 c. Comments are always mentioned within a single line.
 d. Comments makes the program more understandable to the humans.
 e. Comments makes the program more understandable to both humans and the computer.

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M , .

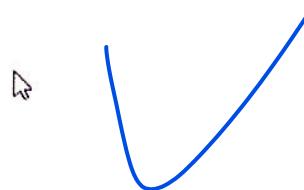


2
Answered
out of
question

If $a = 2$, $b = 3$, $c = 2$, what will be the output of the following printf statement.
`printf("%d %d", !b, !(a - c));`

Select one:

- a. 0 1
- b. 1 0
- c. 3 0
- d. 0 0
- e. None of the above



Moodle

NetExam

Sri Lanka Institute of Information Technology

Question 2

Not yet answered
Marked out of
5.00

Flag question

A C program needs to be developed for the given scenario

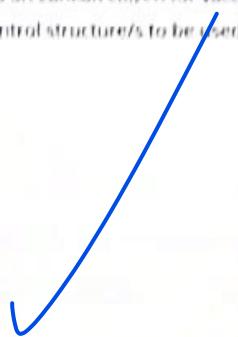
scenario: Check the age of a Sri Lankan citizen for vaccination. The age must be between 20 and 29.

What would be the ideal control structure/s to be used?

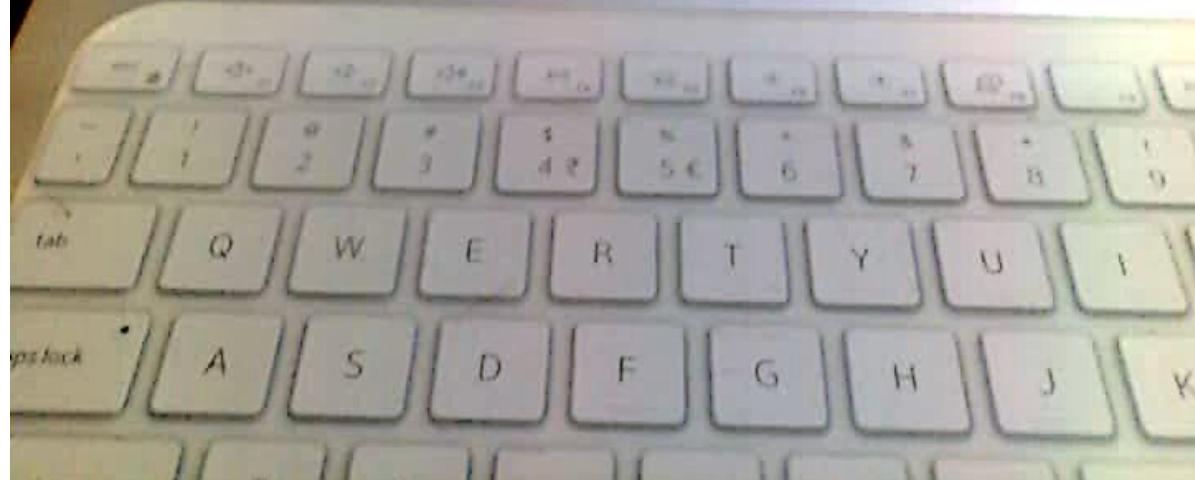
- A. Selection
- B. Iteration
- C. Sequential

Select one:

- a. B
- b. A and B
- c. A and C
- d. A
- e. C



DELL





What is the output of following program?

```
while(1) {  
    printf("Hello");  
    break;  
}
```

Select one:

- a. No output
- b. "Hello"
- c. Hello
- d. Hello is printed unlimited number of times
- e. Can't determine the output