Question **1**Incorrect

Mark 0.00 out of 1.00

▼ Flag question

Consider that the followings statements are used in a program.

- (i) sizeof(int);
- (ii) sizeof(int*);
- (iii) sizeof(int**);

Assuming size of pointer is 4 bytes and size of int is also 4 bytes, which of the following is true?

- o a. Only (i) would compile successfully and it would return size as 4.
- ob. (i), ii) and iii) would compile successfully and size of each would be same i.e. 4.
- oc. (ii) and iii) would result in compile error but i) would compile and result in size as 4.
- od. (i), ii) and iii) would compile successfully but the size of each would be different and would be decided at run time.

Your answer is incorrect.

The correct answer is:

(i), ii) and iii) would compile successfully and size of each would be same i.e. 4.

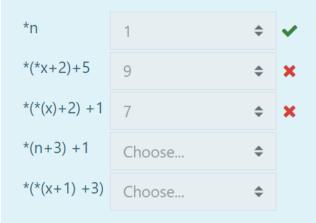
Question **2**

Partially correct

Mark 0.20 out of 1.00

▼ Flag question

Match the following with respect to the following program segment: int $x[3][5] = \{\{1,2,3,4,5\}, \{6,7,8,9,10\}, \{11,12,13,14,15\}\}, *n=&x;$



Your answer is partially correct.

You have correctly selected 1.

The correct answer is:

$$*(*x+2)+5 \rightarrow 8$$
,

$$*(*(x)+2) +1 \rightarrow 4$$

$$*(n+3) +1 \rightarrow 5$$
,

$$*(*(x+1) +3) \rightarrow 9$$

Question 3 Correct Mark 1.00 out of 1.00 Flag question	Which of the following gives the memory address of the first element in array foo, an array with 100 elements? a. foo b. foo[1] c. &foo d. foo[0]	~
	Your answer is correct. The correct answers are: foo, &foo	

```
Question 4
```

Correct

Mark 1.00 out of 1.00

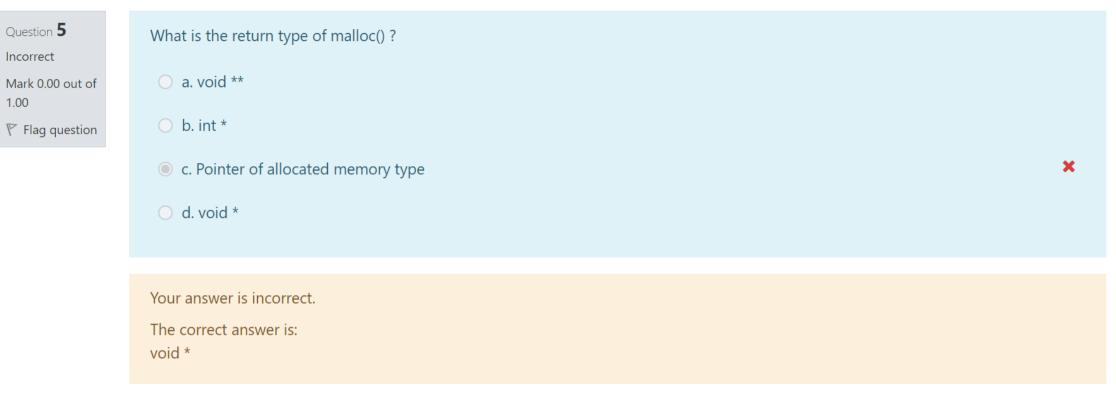
Flag question

```
Consider the following program
int incr(int i)
static int count = 0;
count = count + i;
return (count);
int main()
int i,j;
for (i = 0; i <=4; i++)
j = incr(i);
return 0;
What is the value of j at the end of the execution of the following C program?
 a. 10
 O b. 4
 oc. 6
 d. None of the above.
```

Your answer is correct.

The correct answer is:

10



```
Question 6
```

Correct

Mark 1.00 out of 1.00

♥ Flag question

```
What is the output of the below code snippet?
#include<stdio.h>
int main()
  for()
  printf("Hello");
  return 0;
a. No output
b. Infinite loop
oc. Prints "Hello" once.
 d. Compile error
Your answer is correct.
```

The correct answer is:

Compile error

```
Question 7
Incorrect
```

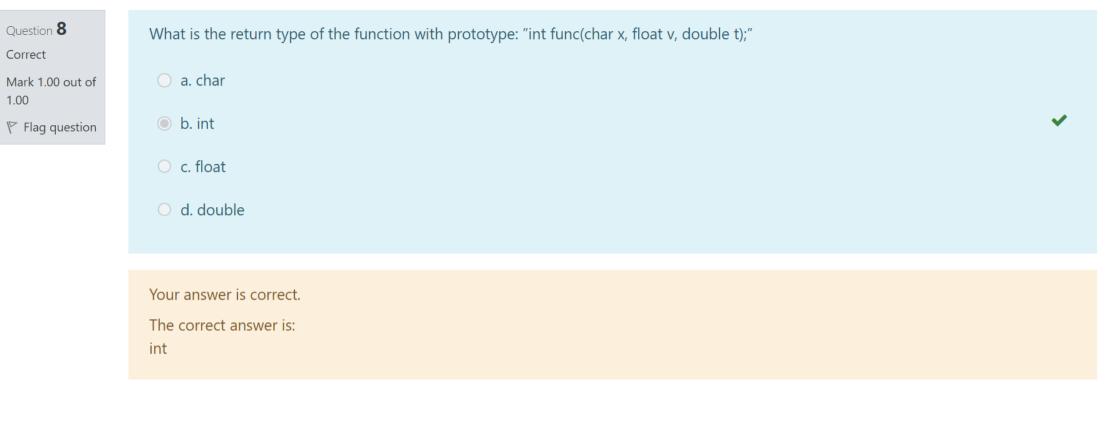
Mark 0.00 out of 1.00

Flag question

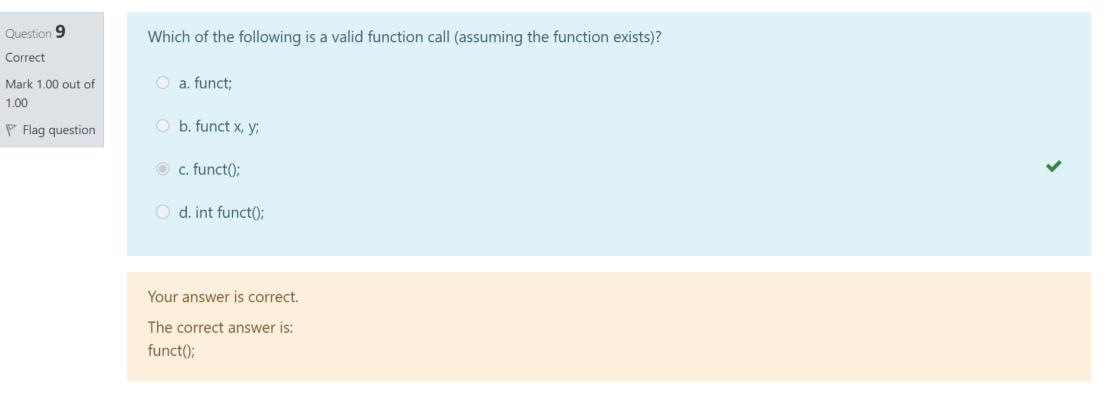
```
What will be the output produced by the following C code:
#include<stdio.h>
int main()
   int array[2][2] = {\{1,2\},\{-1,-1\}\}};
   printf("%d", ((array == *array) && (*array == array[0]) ));
   return 0;
 a. 0
 b. Compile error
 o c. 1
 od. None of these
```

Your answer is incorrect.

The correct answer is:



1.00



1.00

Question **10**

Correct

Mark 1.00 out of 1.00

▼ Flag question

```
Consider the function
int func(int num)
int count = 0;
while(num) {
count++;
num >>= 1;
return(count);
For func(435) the value returned is?
O a. 0
O b. 7
O c. 8
o d. 9
```

Your answer is correct.

The correct answer is:

9