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CS-1714-0B1-Fall-2020-Computer Programming II

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Question 1

1 out of 1 points

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✔

What is the output of the following code?

```
#include<stdio.h>
int main(int argc, char* argv[])
{
    function();
    return 0;
}
void function()
{
    printf("Function in C is awesome");
}
```

Selected Answer: ✔ Compile-time error

Answers: ✔ Compile-time error

No output

Function in C is awesome

Run-time error

Question 2

1 out of 1 points

📄

✔

Which of the following is a valid function call (assuming the function 'test' exists)?

Selected Answer: ✔ test();

Answers: ✔ test();

test x, y;

test;

int test();

Question 3

0 out of 1 points

📄

✖

What is the output of the following code?

```
#include<stdio.h>
int function();
int main(int argc, char* argv[])
{
    int i;
    i = function();
    printf("%d", i);
    return 0;
}
int function()
{
    int a;
    a = 250;
    return 0;
}
```

Selected Answer: ✖ 250

Answers: No output

250

Run-time error

✔ 0

Question 4

0 out of 1 points

📄

✖

What is the output of the following code?

```
#include<stdio.h>
void fun( int*, int* );
int main( int argc, char* argv[] )
{
    int i=5, j=2;
    fun( &i, &j );
    printf( "%d, %d", i, j );
    return 0;
}
void fun( int *i, int *j )
{
    *i = *i * *i;
    *j = *j * *j;
}
```

Selected Answer: ✖ 10, 4

Answers: 5, 2

10, 4

✔ 25, 4

4, 25

Question 5

0 out of 1 points

📄

✖

What is the output of the following code?

```
#include<stdio.h>
int test(int);
int main(int argc, char* argv[])
{
    int num = test(4);
    printf("%d\n", --num);
    return 0;
}
int test(int num)
{
    return num++;
}
```

Selected Answer: ✖ 4

Answers: 4

6

5

✔ 3

Question 6

1 out of 1 points

📄

✔

What is the return type of the function with prototype? "int test(char, float, double);"

Selected Answer: ✔ int

Answers: double

✔ int

char

float

Question 7

1 out of 1 points

📄

✔

We want to write a function to calculate the sum of all elements in an array. The function should take the array as a parameter and return the sum. Which of the following should the function prototype in C?

Selected Answer: ✔ int sum(int [], int);

Answers: double sum(int a[10], int size);

void sum(int a[], int size);

int sum(int a[]);

✔ int sum(int [], int);

Question 8

1 out of 1 points

📄

✔

What is the output of the following code?

```
#include<stdio.h>
int main(int argc, char* argv[])
{
    int a = 25, b = 24 + 1, c;
    printf("%d", function(a, b));
    return 0;
}
int function(int x, int y)
{
    return (x - (x == y));
}
```

Selected Answer: ✔ Compile-time error

Answers: 24

Run-time error

✔ Compile-time error

25

Question 9

1 out of 1 points

📄

✔

What is the output of the following code?

```
#include<stdio.h>
int function(int, int);
int main(int argc, char* argv[])
{
    int a = 25, b = 24 + 1, c;
    printf("%d", function(a, b));
    return 0;
}
int function(int x, int y)
{
    return (x - (x == y));
}
```

Selected Answer: ✔ 24

Answers: 25

1

✔ 24

Compile-time error

Question 10

1 out of 1 points

📄

✔

Which of the following is a valid and complete function definition?

Selected Answer: int test (int x) { return x+1; ✔ }

Answers: void test (x) { printf ("Hello"); }

void test (int) { printf ("Hello"); }

int test ();

int test (int x) { return x+1; ✔ }

}

Wednesday, September 30, 2020 9:50:13 AM CDT

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