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Reading Quiz (Chapters 3 and 4 of textbook)

Review of attempt 11

Finish review

Started on Tuesday, 24 September 2019, 01:39 AM
Completed on Tuesday, 24 September 2019, 01:43 AM
Time taken 4 mins 17 secs
Marks 19/19
Grade 100 out of a maximum of 100 (100%)

Question 1
Marks: 1/1
Which of the following is the general form of a conversion specification given in the textbook? (Page 39)
Choose one answer.

- ☐ a. %p.mX or %p.mX
- ☒ b. %m.pX or %m.pX
- ☐ c. %-m.pX
- ☐ d. %-p.mX
- ☐ e. %m.pX
- ☐ f. %p.mX

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	%m.pX or %m.pX	01:40:17 on 24/09/19	1	1
2	Close&Grade	%m.pX or %m.pX	01:43:58 on 24/09/19	1	1

What output do the following calls of `printf()` produce? Note that we require precise answers.

Question 2
Marks: 1/1
`printf("%d%d", 200, 500);`
Answer:
200500

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	200500	01:40:22 on 24/09/19	1	1
2	Close&Grade	200500	01:43:58 on 24/09/19	1	1

Question 3
Marks: 1/1
`printf("|%10d|", 1234);`
Answer:
| 1234|

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	1234	01:40:33 on 24/09/19	1	1
2	Close&Grade	1234	01:43:58 on 24/09/19	1	1

Question 4
Marks: 1/1
`printf("|%-10.5d|", 1234);`
Answer:
|01234 |

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	01234	01:41:17 on 24/09/19	1	1
2	Close&Grade	01234	01:43:58 on 24/09/19	1	1

Question 5
Marks: 1/1
`printf("\n%\%\\");`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	%%	01:41:46 on 24/09/19	1	1
2	Close&Grade	%%	01:43:58 on 24/09/19	1	1

Question 6

Marks: 1/1

`printf("%2d", 4521);`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	4521	01:42:05 on 24/09/19	1	1
2	Close&Grade	4521	01:43:58 on 24/09/19	1	1

Question 7

Marks: 1/1

`printf("%f", 892.1);`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	892.100000	01:42:15 on 24/09/19	1	1
2	Close&Grade	892.100000	01:43:58 on 24/09/19	1	1

Question 8

Marks: 1/1

`printf("|%.2f|", 12.347);`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	12.35	01:43:08 on 24/09/19	1	1
2	Close&Grade	12.35	01:43:58 on 24/09/19	1	1

Question 9

Marks: 1/1

`printf("%d", 1740);`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	1740	01:42:27 on 24/09/19	1	1
2	Close&Grade	1740	01:43:58 on 24/09/19	1	1

Question 10

Marks: 1/1

`printf("|%-6.1f|", 12.34);`

Answer:

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	12.3	01:39:56 on 24/09/19	1	1
2	Close&Grade	12.3	01:43:58 on 24/09/19	1	1

Question 11

Marks: 1/1

For a `printf()` function to print properly, the number of output items cannot be more than the number of conversion specifiers. (Read page 38 of textbook)

Answer:

☒ True ☐ False

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	True	01:42:31 on 24/09/19	1	1
2	Close&Grade	True	01:43:58 on 24/09/19	1	1

Question 12

Marks: 1/1

`int x;`

```
scanf("%d", &x);
/* User input 499*/
Answer:
```

499

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	499	01:42:35 on 24/09/19	1	1
2	Close&Grade	499	01:43:58 on 24/09/19	1	1

For each of the following `scanf()` calls, write down the values of `x` and `y` after the `scanf()` call. If the variable is a float, write down the answer up to 2 decimal places. When you have 2 values to write down, please give your answer in the form of "Value1 and Value2" e.g., "20 and 50" (without the double quotes, of course).

Question 13

Marks: 1/1

```
float x;
scanf("%f", &x);
/* User input 23.56*/
Answer:
```

23.56

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	23.56	01:42:39 on 24/09/19	1	1
2	Close&Grade	23.56	01:43:58 on 24/09/19	1	1

Question 14

Marks: 1/1

```
int x;
float y;
scanf("%d%f", &x, &y);
/* User keys in 9.5 4.6 */
Answer:
```

9 and 0.5

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	9 and 0.5	01:43:26 on 24/09/19	1	1
2	Close&Grade	9 and 0.5	01:43:58 on 24/09/19	1	1

Question 15

Marks: 1/1

Which of the following operators has/have side effects? (You may choose more than 1 answer)

Choose at least one answer.

- ☐ a. *
- ☐ b. +
- ☐ c. %
- ☒ d. ++
- ☒ e. --

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	++,--	01:42:49 on 24/09/19	1	1
2	Close&Grade	++,--	01:43:58 on 24/09/19	1	1

Question 16

Marks: 1/1

Values known as *lvalues* are names of objects/variables that are stored in a memory location.

Answer:

☒ True ☐ False

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	True	01:42:51 on 24/09/19	1	1
2	Close&Grade	True	01:43:58 on 24/09/19	1	1

Show the output (printout) for the following program fragments. Assume that *i*, *j*, *k* are *int* variables.

Question 17

Marks: 1/1

```
i=5; j=3;
printf("%d %d", i/j, i%j);
```

Answer:

1 2

Correct

Marks for this submission: 1/1.

History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	1 2	01:43:32 on 24/09/19	1	1
2	Close&Grade	1 2	01:43:58 on 24/09/19	1	1

Question 18
Marks: 1/1
i = 5;
j = 3 - 2 * i++;
printf("%d %d", i, j);
Answer:

6 -7

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	6 -7	01:43:40 on 24/09/19	1	1
2	Close&Grade	6 -7	01:43:58 on 24/09/19	1	1

Question 19
Marks: 1/1
i = 7; j = 8; k = 9;
printf("%d", (i+10) % k / j);
Answer:

1

Correct
Marks for this submission: 1/1.
History of Responses:

#	Action	Response	Time	Raw score	Grade
1	Grade	1	01:43:43 on 24/09/19	1	1
2	Close&Grade	1	01:43:58 on 24/09/19	1	1

Finish review

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