

The Arduino Platform and C Programming

WEEK 2: QUIZ

1. What is the name of the library which contains the printf() function?

Ans: stdio.h

2. What does the '\n' character mean?

Ans: newline

3. What type of data is surrounded by double quotes in a program?

Ans: a string

4. What C type is one byte long?

Ans: char

5. Does the following statement evaluate to True or False?

$(10 \parallel (5-2)) \ \&\& \ ((6 / 2) - (1 + 2))$

Ans: False

6. What does the following program print to the screen?

```
int main () { int x = 0, y = 1; if (x || !y) printf("1"); else if (y && x) printf("2"); else printf("3"); }
```

Ans: 3

7. What does the following program print to the screen?

```
int main () { int x = 0, z = 2; while (x < 3) { printf ("%i ", x); x = x + z; } }
```

Ans: 0 2

8. What does the following program print to the screen?

```
int foo (int q) { int x = 1; return (q + x); } int main () { int x = 0; while (x < 3) { printf ("%i ", x); x = x + foo(x); } }
```

Ans: 0 1