

Faculty of Engineering and Technology

Spring Semester 2024-2025

Course: Programming (1)

DR . Ahmed Soliman

Assignment (6)

1. What are the types of functions in C Language?

- a) Library Functions
- b) User Defined Functions
- c) Both Library and User Defined
- d) None of the above

2. What characters are allowed in a C function name identifier?

- a) Alphabets, Numbers, %, \$, _
- b) Alphabets, Numbers, Underscore (_)
- c) Alphabets, Numbers, dollar \$
- d) Alphabets, Numbers, %

3. Find the output in A & B:

Α

```
void myFunction() {
   // Local variable that belongs to myFunction
   int x = 5;

   // Print the variable x
   printf("%d", x);
}

int main() {
   myFunction();
   return 0;
```

В

```
void myFunction() {
    // Local variable that belongs to myFunction
    int x = 5;
}
int main() {
    myFunction();

    // Print the variable x in the main function
    printf("%d", x);
    return 0;
}
```

- a) A-> x=5. B-> x=5
- b) A-> x undeclared, B-> x=5
- c) A-> x=5, B-> x undeclared
- d) Both are undeclared

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