

Question Two

A header file for a function `do_it()` that takes three type `char` arguments and returns a type `float` to the calling program is:

Answer: (`do_it.h`)

```
#ifndef DO_IT_H
```

```
#define DO_IT_H
```

```
float do_it(char x, char y, char z);
```

```
#endif // DO_IT_H
```

A header file for a function named `print_a_number()` that takes a single type `int` argument and returns a type `float` to the calling program is:

Answer:

(`print_a_number.h`)

```
#ifndef PRINT_A_NUMBER_H
```

```
#define PRINT_A_NUMBER_H
```

```
void print_a_number(int x);
```

```
#endif // PRINT_A_NUMBER_H
```

The problem with the program is:

Answer:

The `print_msg()` function is not supposed to take any arguments but the main function calls it with a string argument.