

1. Convert the following infix expressions to postfix expressions using the shunting yard algorithm:
 - (a) $3 + 4 - 2$
 - (b) $3 + 4 - 7 * 4$
 - (c) $(3 + 4 - 7) * 4$
2. Suppose we want to write a C program that takes two command line arguments, an integer and a path to a file, which should be specified in that order. Using the variables `argc` and `argv`, write code that does the following:
 - (a) Checks if exactly two command line arguments were passed. If not, the program should halt.
 - (b) If the previous check passes, the first command line argument should be stored in an integer variable called `x` and the second command line argument should be used to open a file for reading and stored in a variable called `fd`. *Hint*: You should use the function `atoi` to convert the first command line argument into an integer.
3. Fill in the following C function. It should compare `s1` and `s2` and return the string that comes first in the alphabet. If they are equal, it should return null.

```
char *which_is_first(char *s1, char *s2) {  
  
}
```