Unit Test
1. main
  [1, 2, 4, 5, 6, 7]
```
    Input:  String[] args = [], Console Input = "John 0 0"
    Output: Console Output "Adding user \"John\".\nfaculty user John
            added.\n"
```
  [1, 3, 4, 5, 6, 8]
```
    Input:  String[] args = ["John", "0", "5"]
    Output: Console Output "Adding user \"John\".\nadding user failed. \n"
```

2. add_user
  [1, 2, 3, 4, 5, 6]
```
    Input:  String name = "john", int permission_level = 0, int type = 0
    Output: String[] {"John", "faculty"}
```
  [1, 3, 4, 6]
```
    Input:  String name = "John", int permission_level = 0, int type = 1
    Output: String[] {"John", "student"}
```

3. capitalize_first_ch
  [1, 2]
```
    Input:  boolean flag = true, String name = "john"
    Output: String "John"
```
  [1, 3]
```
    Input:  boolean flag = false, String name = "John"
    Output: String "John"
```

End-to-End Test
  main[1, 2, 4, 5 -> add_user[1, 2, 3 -> capitalize_first_ch[1, 2], 4, 5, 6], 6, 7]
```
    Input:  String[] args = [], Console Input = "john 3 0"
    Output: Console Output "Adding user \"john\".\nfaculty user John
            added.\n"
```
  main[1, 3, 4, 5 -> add_user[1, 3 -> capitalize_firsr_ch[1, 3], 4, 6], 6, 8]
```
    Input:  String[] args = ["John", "0", "5"]
    Output: Console Output "Adding user \"John\".\nadding user failed. \n"
```