

COSC 121 – Assignment #3

Task:

Write a program that allows the user to input students and their overall grades.

The user can then request to edit the grades, and will be shown a list of students and their grades.

You will have to use try catch blocks to handle all the errors that could occur.

You will need to handle `InputMismatchException` and `IndexOutOfBoundsException`.

Here is a clean run with no bad user input. You must make this program work with bad input.

```
Main menu
```

```
Select one of the following options
```

```
1. Add a Student
```

```
2. Edit student grades
```

```
3. Exit
```

```
1
```

```
Please enter the students name:
```

```
Nelson
```

```
Please enter a grade for Nelson:
```

```
87
```

```
Main menu
```

```
Select one of the following options
```

```
1. Add a Student
```

```
2. Edit student grades
```

```
3. Exit
```

```
1
```

```
Please enter the students name:
```

```
Bryce
```

Please enter a grade for Bryce:

92

Main menu

Select one of the following options

1. Add a Student
2. Edit student grades
3. Exit

1

Please enter the students name:

Jackson

Please enter a grade for Jackson:

90

Main menu

Select one of the following options

1. Add a Student
2. Edit student grades
3. Exit

2

What student would you like to enter a grade for?

- 1) Nelson - 87
- 2) Bryce - 92
- 3) Jackson - 90

2

Please enter a grade for Bryce

95

Main menu

Select one of the following options

1. Add a Student
2. Edit student grades
3. Exit

3

Thank you, Goodbye!