

3. Dictionaries

Create a dictionary that stores the names of students as keys and their corresponding grades as values. Create a function to take a name and show grade based on the input. Implement error handling in your program to handle cases where the entered student name does not exist in the dictionary.

Expected Test Result:

```
student_grades = {  
    "John": 85,  
    "Alice": 92,  
    "Bob": 78,  
    "Emily": 90,  
    "Michael": 88  
}
```

```
Enter a student's name: John
```

```
Grade: 85
```

Note: For each exercise you need to follow Functional Programming rules.