Neha Dattatray Bhoite

Assignment No 3

Input -

```
class GreedySearch:
    def __init__(self):
        self.options = {}

    def add_option(self, name, value):
        self.options[name] = value

    def search_best_option(self):
        if not self.options:
            return "No options available"
        return max(self.options, key=self.options.get)

# Example usage:
gs = GreedySearch()
gs.add_option("Option A", 50)
gs.add_option("Option B", 70)
gs.add_option("Option C", 60)

print("Best selection based on greedy search:", gs.search_best_option())
```

Output-

```
Best selection based on greedy search: Option B

=== Code Execution Successful ===
```