Assignment 8 (Optional)

Q1. Maintain a HashSet of projects and perform given operations in a menu-driven program.

Ensure that projects are not duplicated by the project id in the set.

Each project information includes int id, String title, int teamSize, double projectCost , String technology.

All the projects should be stored in the file before the program ends and loaded in the collection when program starts.

1. Add Following Projects in the Set

2. Input a Project from user and add in Set

3. Display all Projects in Set

4. Delete a Project by Id from Set

5. Copy All Projects from Set to ArrayList

6. Display all Projects from List

7. Sort all Projects in List by cost

8. Find project with Max team size using Collections.max()

9. Count all Projects of "Java" technology using Stream API

Dummy Data

- new Project(1, "Train Reservation System", 5000000, "Java")

- new Project(2, "Airline Reservation System",3, 6000000, ".NET")

- new Project(4, "Online Grocery Shop", 6, 3000000, "Java")

- new Project(5, "Online Book Shop", 2, 3000000, ".NET")

- new Project(3, "Online Jewelry Shop", 4, 4000000, "Java")

- new Project(2, "Bus Reservation System", 3, 3500000, "JS")