

Class Flight:

```
Def __init__(self, origin, destination, date, time, capacity):
```

```
    Self.origin = origin
```

```
    Self.destination = destination
```

```
    Self.date = date
```

```
    Self.time = time
```

```
    Self.capacity = capacity
```

```
    Self.passengers = []
```

```
Def book_ticket(self, passenger_name):
```

```
    If len(self.passengers) < self.capacity:
```

```
        Self.passengers.append(passenger_name)
```

```
        Print(f"Ticket booked for {passenger_name} from {self.origin} to {self.destination} on  
{self.date} at {self.time}.")
```

```
    Else:
```

```
        Print("Sorry, the flight is fully booked.")
```

```
# Example usage:
```

```
Flight1 = Flight("New York", "Los Angeles", "2024-05-20", "10:00", 100)
```

```
Flight1.book_ticket("John Smith")
```

```
Flight1.book_ticket("Jane Doe")
```