# Exercise Sheet 9: Cloud Migration Strategies

## Questions and Answers

### 1. Migration Approaches: Describe the lift-and-shift, refactoring, and replatforming migration strategies.

**Answer:**

- **Lift-and-Shift:** Moving applications without significant changes.

- **Refactoring:** Rewriting parts of applications to optimize for the cloud.

- **Replatforming:** Making minimal changes to optimize applications for cloud efficiency.

### 2. Migration Planning: Outline the key steps in planning a cloud migration.

**Answer:** Steps include assessing the current environment, defining objectives, choosing a migration strategy, creating a migration plan, testing, and executing the migration.

### 3. Tools and Services: List tools provided by AWS, Azure, or Google Cloud for migration.

**Answer:**

- **AWS:** AWS Migration Hub, AWS Server Migration Service.

- **Azure:** Azure Migrate.

- **Google Cloud:** Google Cloud Migrate.