## 10. Odd and Even Numbers:

| • | Task: Write a program that separates a list of numbers into two new lists, one |
|---|--|
|   | for odd numbers and one for even numbers.                                      |

| • | Example: Given the list [1, 2, 3, 4, 5], the program should create two lists: [1, 3, |
|---|--|
|   | 5] (odd numbers) and [2, 4] (even numbers).  |