1. Student Grade Calculator

Program Description: Create a program that calculates the final grade for a student based on assignments (30%), midterm exam (30%), and final exam (40%). The program should determine if the student passed (≥60%) or failed.

```
Start
  │
  ▼
Input asg(assignment score)
  │
  ▼
Input mid (Midterm Score)
  │
  ▼
Input fin(Final Exam Score)
  │
  ▼
Calculate tot =(asg * 0.30)+(mid * 0.30)+(fin * 0.40)
  │
  ▼
Is tot >= 60
  │
  ├─ Yes ─→ Print "Grade: " Print "Status: Passed" ──→ Stop
  │
  └─ No ──→ Print "Grade: " Print"Status : Failed" ──→ Stop
```