

## The Starfleet Academy Program

Write a program to determine if a student will be accepted or rejected into Starfleet Academy. The decision will be based on GPA, SAT score, Age, and Planet of origin. The basic admission requirements are:

- GPA must be at least 2.0
- SAT must be at least 800
- Minimum Age is 16 for Vulcans, 17 for anyone else
- Race must **not** be Romulan

There are several exemptions to the above requirements

- If GPA is at least 3.5, applicant is exempted from the SAT requirement.
- If SAT is at least 1100, applicant is exempted from the GPA requirement.
- If SAT is at least 1500, applicant is exempted from the Age requirement

I will be running your programs multiple times, so to facilitate my testing please make your program accept input in the following sequence:

```
First name
Age
GPA
SAT
Race           (Human, Vulcan, Klingon, Romulan)
```

A sample run might look like (bold indicates user input):

```
Welcome to the Starfleet Academy Online Application
```

```
Applicant name: Worf
```

```
Age: 35
```

```
GPA: 2.0
```

```
SAT: 400
```

```
Race: Klingon
```

```
Sorry, but you do not meet our minimum requirements.
```