

Course  
&  
Test Series

Self-Made Assignment - Pointers and Structure

Structure, Union and Enumeration in C Plus Plus

Write a C++ program that uses a structure and a union. The program should:

1. Define a structure named **Student** to store:
  - Student Name (string)
  - Student Roll Number (integer)
2. Define a union named **StudentInfo** to store:
  - Student Age (integer)
  - Student Grade (character)
3. The program should:
  - Take input for Student Name and Roll Number using the structure.
  - Take input for either Student Age or Student Grade using the union.
  - Output all the details entered by the user.

**Input:**

Enter Student Name: Alice  
Enter Student Roll Number: 25  
Do you want to enter Age (1) or Grade (2): 1  
Enter Student Age: 20

**Output:**

Student Details:  
-----  
Student Name: Alice  
Student Roll Number: 25  
Student Age: 20

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