

1. *Google the ascii character set, and find out how each character is represented as a decimal number. You will see, for example, that the character 'A' is represented in ascii as the number 65. Take note of the range of these values, and the relationship between the numbers and characters.*

Write a program that will allow the user to convert an ascii value to a character or a character to ascii value. You should display a menu on screen as shown below. If the user chooses option 1, the program should ask them to enter a number. The program should then display the appropriate character. If the user chooses option 2, the program should ask them to enter a character, and should display the appropriate number.

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AsciiToChar Menu  
  
1. Convert Ascii to character  
2. Convert character to Ascii  
Please enter Choice:
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2. Write a program that will calculate and print the bill for a travel insurance company. The company offers two types of service: Single Trip (S) and Multi-trip (M). Rates vary based on the type of service and are computed as follows:

Single Trip: Basic Charge of €40 single person, couple €60 and Family €80.

Multi-trip: Basic Charge of €60 single person, couple €80 and Family €100.

Sports holiday cover incurs an additional charge of 10%.

Holidays limited to European cover receive a reduction of 10%.

Single trip Holidays over 30 days incur an additional charge of 5%.

Students will get a further discount of 5%.