



*General Instructions:*

*Document Format for each question:*

*Question*

*Your Program*

*Your output*

*Screenshot of your program and output **with your identity**.*

*Upload: as pdf with file name as regno\_Ass1.pdf*

1. Write a C program to print your First name using printf statement. For example if the name is “ABI”, then the output should be (2 marks)

```

      A      B B B      I I I
    A A      B      B      I
  A A A      B B B      I
    A      A      B      B      I
A      A      B B B      I I I
  
```

2. There are three batsmen from a state. The state government likes to present the best batsman award. Given the name and runs of each person, write a C program to find the best batsman using ternary operator. (1 mark)
3. Let a=0,b=2, c=-2,Find the output of the following expression and also state the reason (1 mark)  

$$--a*(10-b)/2-c++*b+(a+b+c)$$
4. Write a C program to count the number of vowels and consonants in your name irrespective of their case (upper or lower case). The letters b,h,s,p and empty spaces must be considered as special characters not as consonant. (2 marks)
5. Write a C program to perform ATM transaction. The transactions are Balance checking, Cash withdrawal and Cash deposition. Firstly initialize the ATM pin as your registration number. Take the ATM pin and the balance amount as input. If the input pin is equal to the initialized pin, then do the further operations or send an error message “Enter the correct PIN”. Use switch statement to do the operations like Balance checking (1), Cash withdrawal (2), Cash deposition (3) and Quit (4). Use while loop to terminate or restart the process. (3 marks)
6. Tell me about a time when you came up with a new approach to the above problems. (1 mark to show up your individuality, answer should be sound and sensible – Answers repeated no marks, so don’t share your answers)