

Q1. What would be the output of following code snippet.

```
int main() {
    int size = 3;
    int *arr = new int[size];
    int p;
    cin >> p; // p is last digit of your roll number
    ++p;
    for (int i = 1; i <= size; i++) {
        arr[i-1] = i * p;
        cout << arr[i-1];
    }
    delete[] arr;
    return 0;
}
```

arr[0] = 9  
arr[1] = 2 x 9 = 18  
arr[2] = 3 x 9 = 27

Output:

Q2. Write a program to define struct named 'Book' with member variable 'title', 'author' and 'pages' and implement a constructor for the struct that initializes the member variables.