Q1)

Yes, this code will generate an error. The reason is that the array nums has only 5 elements, but the code tries to access the 9th element (index 8) which is out of bounds.

Q2) Output:

982

Q3) Output:

Z

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Q4) Output:

 41

Q5) Output:

if the user enters 1, 2, 3, 4, and 5 as the input, the output will be:

After function call ar[0] = 11

After function call ar[1] = 12

After function call ar[2] = 13

After function call ar[3] = 14

After function call ar[4] = 15

Q6) Output:

**4,8,11,14,0**

Q7) Output:

5

Q8) Output:

1, 1, 22

2, 3, 44

3, 4, 55

3, 5, 11