Original Code Size :

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc A.c -o A
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size A
   text    data     bss     dec     hex filename
   1943     616       8    2567     a07 A
```

Q1 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q1.c -o Q1
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q1
   text    data     bss     dec     hex filename
   1802     612       4    2418     972 Q1
```

Q1 Unintialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q1.c -o Q1
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q1
   text    data     bss     dec     hex filename
   1802     608       8    2418     972 Q1
```

Q2 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q2.c -o Q2
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q2
   text    data     bss     dec     hex filename
   1802     612       4    2418     972 Q2
```

Q2 Unintialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q2.c -o Q2
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q2
   text    data     bss     dec     hex filename
   1802     608       8    2418     972 Q2
```

Q3 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q3.c -o Q3
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q3
   text    data     bss     dec     hex filename
   1802     612       4    2418     972 Q3
```

Q3 Unintialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q3.c -o Q3
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q3
   text    data     bss     dec     hex filename
   1802     608       8    2418     972 Q3
```

Q4 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q4.c -o Q4
Q4.c: In function 'main':
Q4.c:13:5: warning: writing into constant object (argument 2) [-Wformat=]
    scanf("%d", &number);
    ^~~~~
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q4
   text    data     bss     dec     hex filename
   1959     616       8    2583     a17 Q4
```

Q5 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q5.c -o Q5
Q5.c: In function 'main':
Q5.c:9:10: warning: type defaults to 'int' in declaration of 'number' [-Wimplicit-int]
    auto number = 0;
         ^~~~~~
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q5
   text    data     bss     dec     hex filename
   1959     616       8    2583     a17 Q5
```

Q6 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q6.c -o Q6
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q6
   text    data     bss     dec     hex filename
   1967     616       8    2591     a1f Q6
```

Q6 Unintialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q6.c -o Q6
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q6
   text    data     bss     dec     hex filename
   1951     616       8    2575     a0f Q6
```

Q7 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q7.c -o Q7
Q7.c: In function 'sum':
Q7.c:20:10: warning: type defaults to 'int' in declaration of 'p' [-Wimplicit-int]
    auto p = n;
         ^
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ size Q7
   text    data     bss     dec     hex filename
   1943     616       8    2567     a07 Q7
```

Q8 Initialized Size:

```
(base) bhagya@bhagyarana:~/Desktop/Tut_2_20_8_2020$ gcc Q8.c -o Q8
Q8.c: In function 'sum':
Q8.c:20:20: error: initializer element is not constant
     static int p = n;
                    ^
```

Error

If you know how to fix the Error, Reply Back!