

FALL 2004: **CGS 2423 C** FOR ENGINEERS
[ALL QUIZ SOLUTIONS]

E-mail me if you see any errors in these solutions.

Quiz 5 Solutions

```
1 ** 1 = 1
2 ** 1 = 2
```

```
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-----
```

DONE!

Quiz 4 Solutions

1.

```
i = 8; Sum = 0
i = 9; Sum = 0
FINAL: i = 10; Sum = 10
```

2.

```
i = 4; Sum = 4
i = 6; Sum = 10
i = 8; Sum = 18
FINAL: i = 10; Sum = 18
```

Quiz 3 Solutions

1.

```
double Value = (sqrt(Score)+5)/(avgScore*stdDeviation - abs(e));
```

2.

```
(a) (Count == 6) || !(Count > 3)
(b) (PriceButter > PriceMargarine) && (PriceButter <= PriceCream)
```

3.

```
Drive Carefully!
```

Quiz 2 Solutions

1. For value -155.5678901e-1:

```
%8.4f:-15.5568
```

```
%8.2f:  -15.56
```

`%8.0f:UUUUU-16`

`%1.2f:-15.56`

`%.2f: -15.56`

2. Answers:

- (a) int
- (b) 1
- (c) double
- (d) 4.0
- (e) 14

Quiz 1 Solutions

1. False. It means it can store a floating point number, i.e., real number value.

2. $3 \times 1 = 3$

$3 \times 2 = 6$

$3 \times 3 = 9$

DONE!