**Problem 1. Section 7.2, Exercise 3.**

char

**Problem 2. Chapter 7.2, Exercise 5.**

1234.560000

**Problem 3. Chapter 7.2, Exercise 7.**

Q

**Problem 4. Chapter 7.2, Exercise 10.**

double

**Problem 5. Section 7.3, Exercise 6.**

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

main()

{

char\* str = "It's deja vu all over again.";

char\* ptr;

char a[28];

ptr = str;

strcpy(a, ptr);

printf("%s", a);

str = a;

}

**Problem 6. Section 7.3, Exercise 7.**

False

**Problem 7. Section 7.3, Exercise 8.**

55

44

33

22

11

**Problem 8. Section 7.3, Exercise 10.**

a, c, d

**Problem 9. Section 7.3, Exercise 11.**

The former is the address and the latter dereferences the address to the corresponding value in the char array

**Problem 10. Section 7.3, Exercise 13.**

111.1

**Problem 11. Section 7.3, Exercise 15.**

11

11

**Problem 12. Section 7.4, Exercise 4.**

B

C

D

**Problem 13. Section 7.4, Exercise 5.**

2

**Problem 14. Section 7.4, Exercise 7.**

char\* cat( char\* str1, char\* str2)

{

char\* ptr = str1;

while(\*str1) str1++;

while( \*(str1++) = \*(str2++));

return ptr;

}

**Problem 15. Section 7.4, Exercise 9.**

char\* cat( char\* str1, char\* str2)

{

char\* ptr = str1;

while( \*(str1++) = \*(str2++));

return ptr;

}

**Problem 16. Section 7.6, Exercise 3.**

They are all char type