#include <stdio.h>

day18.c

int updateInteger(int passedInt){ //pass by value

printf("printing passed int %d\n",passedInt);

//update and return

passedInt=-1;

return passedInt;

}

double updateDouble(double passedDouble){

printf("printing passed double %lf\n",passedDouble);

//update and return

passedDouble=3.14;

return passedDouble;

}

char updateChar(char passedChar){

printf("printing passed char %c\n",passedChar);

//update and return

passedChar='M';

return passedChar;

}

int main(int argc, char \*args[]){

int intToUpdateViaFunction=16;

double doubleToUpdateViaFunction=.16;

char charToUpdateViaFunction='p';

int returnedInt=updateInteger(intToUpdateViaFunction);

double returnedDouble=updateDouble(doubleToUpdateViaFunction);

char returnedChar=updateChar(charToUpdateViaFunction);

printf("\nshould return -1...returned int %d\n",returnedInt);

printf("should return 3.14 ...returned double %lf\n",returnedDouble);

printf("should return M returned int %c\n",returnedChar);

printf("\nupdating intToUpdateViaFunction to -1...returned int %d\n",intToUpdateViaFunction);

printf("update doubleToUpdateViaFunction to 3.14 ...returned double %lf\n",doubleToUpdateViaFunction);

printf("updating charToUpdateViaFunction to M returned int %c\n",charToUpdateViaFunction);

}

#include <stdio.h>

day18a.c

void passRefString(char passedString[]){

printf("Passed string %s\n",passedString);

}

void passRefIntArray(int passedIntArray[]){

printf("Passed integer array %d\n",passedIntArray);

}

int main(int argc, char \*args[]){

int intArray[]={1,2,3,4,5,6};

char name[]="John Smith";

//print existing string

printf("Initial string %s\n",name);

//pass string into function

passRefString(name);

//print int array before passing

//need statement here

//pass int array to function

passRefIntArray(intArray);

}