Day 4

IF

#include <stdio.h>

#include <stdlib.h>

int main()

{

int input;

printf("What is the meaning of life, the universe and everything? \n");

scanf("%d", &input);

if (input == 42){

printf("Such learning. Many wisdom. Wow");

}

return 0;

}

Try Again

#include <stdio.h>

#include <stdlib.h>

int main()

{

int input;

printf("What is the meaning of life, the universe and everything? \n");

scanf("%d", &input);

if (input == 42){

printf("Such learning. Many wisdom. Wow");

} else{

printf("Try again");

}

return 0;

}

Else IF

#include <stdio.h>

#include <stdlib.h>

int main()

{

int input;

printf("What is the meaning of life, the universe and everything? \n");

scanf("%d", &input);

if (input == 42){

printf("Such learning. Many wisdom. Wow");

} else if (input == 43){

printf("Close, But no cigar!");

} else if (input == 41){

printf("Close, But no cigar!");

} else{

printf("Try Again");

}

return 0;

}

Basic Ternary

#include <stdio.h>

#include <stdlib.h>

int main()

{

int numFriends = 2;

printf("You have %d friend%s", numFriends, (numFriends!=1) ? "s." : ".");

return 0;

}

Fancy Ternary

#include <stdio.h>

#include <stdlib.h>

int main()

{

int numFriends;

printf("\n\nHow many friends do you have?\n");

scanf("%d", &numFriends);

system("cls");

printf("\n\nYou have %d friend%s", numFriends, (numFriends!=1) ? "s." : ".");

return 0;

}

Price is Right!

#include <stdio.h>

#include <stdlib.h>

int main()

{

float Guess;

float Price;

printf("\n\nDO NOT SHOW THIS TO PARTICIPANT!!!\n\n");

printf("What is the Price?\n");

scanf("%f", &Price);

system("cls");

printf("\n\nWhat is your guess?\n");

scanf("%f", &Guess);

system("cls");

if (Guess > Price){

printf("\n\nYour guess was %.2f\n\n", Guess);

printf("Guess LOWER!!!\n\n");

} else if (Guess < Price){

printf("\n\nYour guess was %.2f\n\n", Guess);

printf("Guess HIGHER!!!\n\n");

} else if (Guess == Price){

printf("\n\nYour guess was %.2f\n\n", Guess);

printf("YOU GOT IT!!!\n\n");

}

return 0;

}

CAO Grader COMPLETE AT HOME!!!

#include <stdio.h>

#include <stdlib.h>

int main()

{

int Grade;

printf("\nWhat was your Percentage?\n");

scanf("%d", Grade);

if(Grade >= 85 && Grade >= 100){

printf("\n\nWell done you got an A\n");

} else if(Grade >= 85 && Grade >= 100){

printf("\n\nWell done you got an A\n");

}

return 0;

}

While Loop

#include <stdio.h>

#include <stdlib.h>

int main()

{

int counter =0;

while(counter < 10){

printf("The Value of the Loop is: %d \n", counter);

counter++;

}

printf("\nSuccessfully exited the While Loop\n");

return 0;

}

<http://www.arsitech.com/linux/printf.php>