#include <stdio.h>

main(){

int userNum,i;

int factorial = 1;

printf("Enter a num you want to know factorial\n");

scanf("%d", &userNum);

for(i=1; i<=userNum; i++) {

factorial = factorial \* i;

}

printf("factorial of %d is %d", userNum, factorial);

}

#include <stdio.h>

main(){

int i;

int amount;

int withdrawal;

printf("Enter account balance\n");

scanf("%d", &amount);

printf("Current Balance %d: \n", amount);

for (i=1; i<=5; i++) {

printf("Attemp %d. Enter money you want to withdrawal\n", i);

scanf("%d", &withdrawal);

if(withdrawal<0) {

printf("Exiting program.");

printf("Final Balance: %d \n", amount);

i=5;

}

else if(withdrawal > amount) {

printf("insufficient withdrawal.");

printf("Current Balance: %d \n", amount);

}

else {

amount = amount - withdrawal;

printf("wtihdrawal Successful. Remaining balance: %d \n", amount);

}

}}

#include <stdio.h>

#include <stdlib.h>

#include <time.h>

int main(){

srand(time(0));

int randomNum = rand()%100+1;

int userGuess;

while(userGuess != randomNum) {

printf("Guess the number (1 to 100)\n");

scanf("%d", &userGuess);

if (userGuess > randomNum) {

printf("Too high, try again.\n");

}

else if (userGuess < randomNum) {

printf("Too low, try again.\n");

}

}

printf("Congratulations! You guessed the number!");

}

#include <stdio.h>

int main(){

int number,i=0;

printf("Entera num\n");

scanf("%d", &number);

while(number != 0) {

number = number/10;

i++;

}

printf("%d", i);

}

#include <stdio.h>

int main(){

int price,quantity,i;

printf("Enter price of single product\n");

scanf("%d", &price);

printf("Enter quantity product\n");

scanf("%d", &quantity);

double totalCost = price\*quantity;

if(quantity<5) {

printf("your total cost is: %.3lf", totalCost);

}

else {

for(i=5; i<=quantity; i++) {

if(i%5==0) {

totalCost = totalCost - (totalCost \* 0.1);

}

}

printf("your total cost after discount is: %.3lf\n", totalCost);

}

}