**https://github.com/MeDoByXa3890/-.git**

**#include <iostream>**

**#include <math.h>**

**using namespace std;**

**int main()**

**{**

**int n, a, b, c,d,e ;**

**while(true)**

**{**

**cout << "input task number: ";**

**cin >> n;**

**switch(n)**

**{**

**case 0:**

**cout << "Exit\n";**

**return 0;**

**case 1:**

**cout << "task 1\n" << "input A & B: ";**

**cin >> a>> b ;**

**if (a>2 && b<=3){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 2:**

**cout << "task 2\n" << "input A & B & C: ";**

**cin >> a>> b>> c;**

**if (c>b && b>a){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 3:**

**cout << "Task 3\n" << "input number: ";**

**cin >> a;**

**if(a<100 && a>9 && a%2==0){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 4:**

**cout << "Task 4\n" << "input number: ";**

**cin >> d;**

**if (d<100 || d>1000){**

**while(d<100 || d>1000){**

**cout << "input correct number pls: ";**

**cin >> d;**

**}**

**}**

**a= d/100;**

**b= d/10 -a\*10;**

**c=d-a\*100-b\*10;**

**if((a>b && b>c)|| (c>b&& b>a)){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 5:**

**cout << "Task 5\n" << "input number: ";**

**cin >> d;**

**if (d<1000 || d>10000){**

**while(d<100 || d>1000){**

**cout << "input correct number pls: ";**

**cin >> d;**

**}**

**}**

**c= d%100;**

**a= d/1000;**

**b=d/100 - a\*10;**

**e=a;**

**a=b;**

**b=e;**

**e=a\*10+b;**

**if(e==c){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 6:**

**cout << "task 6\n" << "input A & B & C: ";**

**cin >> a>> b>> c;**

**if((a+b<c)||(a+c<b)||(b+c<a)){**

**while((a+b<c)||(a+c<b)||(b+c<a)){**

**cout<< "input correct A & B & C: ";**

**cin >> a>> b>> c;**

**}**

**}**

**if((a==sqrt(b\*b+c\*c))||(b==sqrt(a\*a+c\*c))||(c==sqrt(b\*b+a\*a))){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**break;**

**case 7:**

**cout << "task 7\n" << "input A & B & C: ";**

**cin >> a>> b>> c;**

**if((a+b>c)&&(a+c>b)&&(b+c>a)){**

**cout << "True\n";**

**}**

**else {**

**cout << "False\n";**

**}**

**}**

**}**

**}**