

เฉลยข้อสอบ 241-207 ปีการศึกษา 2/2550

1.1 24

1.2 Error (รันนานมากจน error ไป)

2

```
int main(){
    char ch1='d';
    char ch2='1';
    char ch3='A';
    if(islower(ch1))
        printf("ch1 is lower\n");
    if(isdigit(ch2))
        printf("ch2 is digi\n");
    if(isalpha(ch3))
        printf("ch3 is alpha\n");
    return 0;
}
```

3 ยังไม่ได้เฉลย

```
#include<stdio.h>
#include<string.h>
#define SIZE 3
#define Cindex 0
#define Pindex 1
#define Tindex 2
int checkCPT(const char *str){
    const char *temp;
    char result[3];
    int match_char=0;
    temp = str;
    while(*temp!='\0'){
        if(*temp=='C' || *temp=='P' || *temp=='T'){
            if(match_char<3){
                result[match_char]=*temp;
            }
            match_char++;
        }
        temp++;
    }
    //printf("%s\n",result);
    if(match_char>3){
        return 0;
    }else{
        if(result[Cindex]=='C'&&result[Pindex]=='P'&&result[Tindex]=='T'){
            return 1;
        }else
            return 0;
    }
}
int main(){
    char str[] = "testCtestPtestTTTT";
    printf("check num CPT1=%d\n",checkCPT(str));
}
```

```
#include<stdio.h>
#define SIZE 3
typedef struct{
    int student_id;
    // 0=math , 1=eng , 2=com
    char grade[3];
}Student;

void display(Student students[SIZE]){
    int i;
    printf("***** Grade Report *****\n");
    printf("Student ID\t\tMathe\t\tEnglish\t\tComputer\n");
    for(i=0;i<SIZE;i++){
        Student std = students[i];

        printf("%d\t\t%c\t\t%c\t\t%c\n",std.student_id,std.grade[0],std.grade[1],std.grade[2]);
    }
}

int main(){
    int i;
    Student students[SIZE];
    for(i=0;i<SIZE;i++){
        printf("Student %d:\n",i+1);
        printf("Enter student ID: ");
        scanf(" %d",&students[i].student_id);
        printf("Enter Mathematic grade: ");
        scanf(" %c",&students[i].grade[0]);
        printf("Enter English grade: ");
        scanf(" %c",&students[i].grade[1]);
        printf("Enter Computer grade: ");
        scanf(" %c",&students[i].grade[2]);
        printf("\n");
    }
    display(students);
}
```

6.1 -6.8

```
#include<stdio.h>
int i = 5;
struct strPtr{
    int x;
    int *y;
}*p,q;
int main(){
    //6.1
    q.x=3;
    //6.2
    q.y=&i;
    //6.3
    p=&q;
    //6.4
    p->x=3;
    //6.5
    *(p->y)=3;
    //6.6
    *(q.y)=3;
    //6.7
    (p->x)+(*(p->y));
    //6.8
    (q.x)+(*(q.y));
    printf(" %d",i);
    return 0;
}
```

Download code ได้ที่ <http://www.learn.in.th/wp-download/cpt/2-2550.zip>