HW07

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Q1.

1)

struct point { float x; float y; };

2)

typedef struct { int x; int y; } point;

3)

struct point { int x; int y; } p;

struct point parr[10];

4)

struct { int x; int y; } parr[10];

5)

Enum OSType {osAndroid, osWindows, osIOS};

Q2.

int match(char\* s1, char\* s2){

while( (\*s1==\*s2) && \*s1!='\0' && \*s2!='\0' ){

s1++; s2++;

}

if(\*s1!='\0' && \*s2!='\0')

return 1

else

return 0;

}

char\* get\_owner\_name(PCar carr, int size, char\* key){

int i;

for(i=0; i<size; i++){

if(match(carr[i]->plate\_num, key))

return carr[i]->owner\_name;

}

return NULL;

}

void fill\_car(PCar c){

printf("Enter car plate number: ");

scanf("%s",&c->plate\_num);

printf("Enter car owner's name: ");

scanf("%s",&c->owner\_name);

printf("Enter owner's phone number: ");

scanf("%d",&c-> owner\_tel);

}