

1.1  
2.0  
3.1  
4.6  
5.10  
6.0

```
#include <stdio.h>
int main(){
    int a[11]={0,229,404,470,478,678,706,762,770,912};
    int area_code;
    scanf("%d",&area_code);
    int cnt=0;
    for(int i=1;i<=10;i++){
        if(area_code==a[i])
            cnt=i;
    }
    switch(cnt){
        case 1:
            printf("ALbany");
            break;
        case 2:
            printf("Atlanta");
            break;
        case 3:
            printf("Atlanta");
            break;
        case 4:
            printf("Macon");
            break;
        case 5:
            printf("Atlanta");
            break;
        case 6:
            printf("Columbus");
            break;
        case 7:
            printf("Columbus");
            break;
        case 8:
            printf("Atlanta");
            break;
        case 9:
            printf("Savannah");
            break;
        default:
            printf("Area code not recognized");
    }
}
```

```
1  #include <stdio.h>
2  int main(void){
3      int weight,height;
4      scanf("%d,%d",&weight,&height);
5      if(weight<100&&height>64){
6          if (height>=72)
7              printf("very tall");
8          else if(height<72&&height>64)
9              printf(tall);
10     }
11     else if(weight>300&&height<48)
12         printf("short");
13     else
14         printf("ideal");
15 }
16
```

```

1  #include <stdio.h>
2  int main(){
3      int spd;
4      printf("plz enter a wind speed at knot:");
5      scanf("%d",&spd);
6      if(spd<1)
7          printf("calm");
8      if(spd>=1&&spd<=3)
9          printf("light air");
10     if(spd>3&&spd<=27)
11         printf("breeze");
12     if(spd>=28&&spd<=47)
13         printf("gale");
14     if(spd>=48&&spd<=63)
15         printf("storm");
16     if(spd>63)
17         printf("hurricane");
18 }

```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

```

cd "/var/folders/bm/zgg2yp0d5rv5tkc4bm2prss80000gn%
● m/zgg2yp0d5rv5tkc4bm2prss80000gn/T/"tempCodeRunnerFile
plz enter a wind speed at knot:45
gale%
○ sunkai@sunkaideMacBook-Pro T % █

```