```
#include<stdio.h>
#include<conio.h>
#include<string.h>
#include<graphics.h>
#include"strings.h"

  int points=0; char A[]="A"; char
B[]="B"; char C[]="C"; char D[]="D";
   int total_points=0;
void quiz1(char ans1[4]) {

 printf("\nAnswer the following
questions !!!\n");
  printf("\nques 1. How is the 3rd
element in an array accessed based
on pointer notation? \n");
 printf("A. *(a+3)\n");
 printf("B. ***(a+1)\n");
```

```
 printf("C. 3(a+1)\n");
 printf("D.  (a+3)\n");

printf("enter your answer :");
 scanf("%s",ans1);
 if(strcasecmp(ans1,A)==0 ) {
 printf("true");
 }
 else {

 printf("false");
 }
if (strcasecmp(ans1,A)==0 ) {
points=5;
total_points=5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
```

```
%d\n",total_points);
}
else {
printf(" \nSorry you got %d
points\n",total_points);



}
```

```
 }
  void quiz2(char ans2[4]){

printf("\nques 2. How is an array
initialized in C language ?\n");
printf("A.int a=1,2,3;\n");
```

```
printf("B.int a={1,2,3};\n");
printf("C.int a[3]={1,2,3}; \n");
printf("D.int a=[3];\n");



printf("enter your answer:");
 scanf("%s",ans2);

if(strcasecmp(ans2,C)==0 ) {
printf("true");
}
 else {

printf("false");

 }

if ( strcasecmp(ans2,C)==0 ) {
```

```
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",points);

}









}
```

```
  void quiz4(char ans4[4]) {

printf("\nques 4.What is the size of
the int data type (in bytes) in C? \n");
printf("A. 1\n");
printf("B. 2\n");
printf("C. 4\n");
printf("D. 8\n");



printf("enter your answer :");
 scanf("%s",ans4);
 if(strcasecmp(ans4,B)==0 ) {
 printf("true");
 }

 else {
```

```
 printf("false");
}

if ( strcasecmp(ans4,B)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
```

```
void quiz3(char ans3[4]) {

printf("\nques 3.How are String
represented in memory in C?\n");
printf("A. user defined data type\n");
printf("B. linked list of
characters11\n");
printf("C. A data type\n");
printf("D. An Array of
characters\n");



printf("enter your answer :");
 scanf("%s",ans3);
 if(strcasecmp(ans3,D)==0 ) {
 printf("true");
 }
```

```
 else {

 printf("false");
}

if ( strcasecmp(ans3,D)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);
```

```
}

}

void quiz5(char ans5[4]) {

printf("\nques 5.How to declare a
double-pointer in C??\n");
printf("A. int **valval\n");
printf("B. int *val*val\n");
printf("C.  int **val\n");
printf("D.  int ***val\n");



printf("enter your answer :");
 scanf("%s",ans5);
 if(strcasecmp(ans5,C)==0 ) {
 printf("true");
```

```
 }

 else {

 printf("false");
}

if ( strcasecmp(ans5,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);
```

```
}

}

void quiz6(char ans6[4]) {

printf("\nques 6. Which operator is
not used in operator overloading?\n");
printf("A. :(semi-colon)\n");
printf("B. ++/--(increment/
decrement\n");
printf("C. == (equal too)\n");
printf("D. + (binary plus)\n");



printf("enter your answer :");
 scanf("%s",ans6);
```

```
 if(strcasecmp(ans6,A)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans6,A)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
```

```
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz7(char ans7[4]) {

printf("\nques 7. what is the instance
of a class?\n");
printf("A.  Class template\n");
printf("B. Object\n");
printf("C. Datatype\n");
printf("D. Members \n");



printf("enter your answer :");
 scanf("%s",ans7);
```

```
 if(strcasecmp(ans7,B)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans7,B)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
```

```
printf(" \nSorry you still have %d
points\n",total_points);

}

}

void quiz8(char ans8[4]) {

printf("\nques 8. Class consume
memory in the system? \n");
printf("A.  less memory consumption
\n");
printf("B.  more memory consumption
\n");
printf("C. Yes\n");
printf("D. No\n");
```

```
printf("enter your answer :");
 scanf("%s",ans8);
 if(strcasecmp(ans8,D)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans8,D)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
```

```
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}

void quiz9(char ans9[4]) {

printf("\nques 9. which of the
following is a type  of  Inheritance?
\n");
printf("A.  Base Class\n");
printf("B. Data inheritance \n");
printf("C. Multiple Inheritance \n");
```

```
printf("D. Partial Inheritance \n");



printf("enter your answer :");
 scanf("%s",ans9);
 if(strcasecmp(ans9,C)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans9,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
```

```
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz10(char ans10[4]) {

printf("\nques 10.Polymorphism
means ??\n");
printf("A. polygon\n");
printf("B. performing multiple tasks
with single instance or name\n");
```

```
printf("C. performing single tasks
with multiple names\n");
printf("D. Looking into details of
program \n");



printf("enter your answer :");
 scanf("%s",ans10);
 if(strcasecmp(ans10,B)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans10,B)==0 ) {
```

```
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz11(char ans11[4]) {

printf("\nques 11.The main
disadvantage of Run time
```

```
polymorphism?\n");
printf("A. The code of function to be
linked is known at run time\n");
printf("B. The code of function to be
linked is known at compile time\n");
printf("C. Slows the compiler
speed\n");
printf("D. The code is overwritten
during run time\n");


printf("enter your answer :");
 scanf("%s",ans11);
 if(strcasecmp(ans11,A)==0 ) {
 printf("true");
 }

 else {
```

```
 printf("false");
}

if ( strcasecmp(ans11,A)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}
```

```
}
void quiz12(char ans12[4]) {

printf("\nques 12.Templates are of
___ types?\n");
printf("A. 1 type\n");
printf("B. 5 types\n");
printf("C. 2 types\n");
printf("D. 3 types\n");



printf("enter your answer :");
 scanf("%s",ans12);
 if(strcasecmp(ans12,C)==0 ) {
 printf("true");
 }

 else {
```

```
 printf("false");
}

if ( strcasecmp(ans12,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}
```

```
}
void quiz13(char ans13[4]) {

printf("\nques 13. Malloc is used for?
\n");
printf("A. Memory allocation \n");
printf("B. Double memory storage
\n");
printf("C. Static memory allocation
\n");
printf("D. Dynamic memory
allocation\n");



printf("enter your answer :");
 scanf("%s",ans13);
 if(strcasecmp(ans13,D)==0 ) {
 printf("true");
```

```
 }

 else {

 printf("false");
}

if ( strcasecmp(ans13,D)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);
```

```
}

}
void quiz14(char ans14[4]) {

printf("\nques 14.Data abstraction
focuses on the concept of?\n");
printf("A. what to do in order to solve
problem\n");
printf("B. how to solve a problem \n");
printf("C. how to escape from the
problem \n");
printf("D. what is the name of
problem\n");


printf("enter your answer :");
```

```
 scanf("%s",ans14);
 if(strcasecmp(ans14,A)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans14,A)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
```

```
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}

void quiz15(char ans15[4]) {

printf("\nques 15. Encapsulation
combines the ___ and ___ in a single
unit called___");
printf("A. object, data, function \n");
printf("B. class , object, program \n");
printf("C. data,members,class\n");
printf("D. primitive-data,user-
defined, program \n");
```

```
printf("enter your answer :");
 scanf("%s",ans15);
 if(strcasecmp(ans15,C)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}

if ( strcasecmp(ans15,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
```

```
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}

void quiz16(char ans16[4]) {

printf("\nques 16. Function
overloading refers to ?\n");
printf("A. Destroying the function
\n");
printf("B. Linking a file of functions
```

```
into another file\n");
printf("C. defining every function
with different name\n");
printf("D.  defining multiple
functions with same name\n");



printf("enter your answer :");
 scanf("%s",ans16);
 if(strcasecmp(ans16,D)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}
```

```
if ( strcasecmp(ans16,D)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz17(char ans17[4]) {

printf("\nques 17. High data security
```

```
is in the ?\n");
printf("A. None of the below\n");
printf("B. public section\n");
printf("C. private section\n");
printf("D. protected section\n");



printf("enter your answer :");
 scanf("%s",ans17);
 if(strcasecmp(ans17,C)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}
```

```
if ( strcasecmp(ans17,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz18(char ans18[4]) {

printf("\nques 18. Object oriented
```

```
programming language deals with
\n");
printf("A. Real life problems\n");
printf("B. Virtual life problems \n");
printf("C. Unrealistic problems \n");
printf("D. Compiler problems\n");



printf("enter your answer :");
 scanf("%s",ans18);
 if(strcasecmp(ans18,A)==0 ) {
 printf("true");
 }

 else {

 printf("false");
}
```

```
if ( strcasecmp(ans18,A)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}

}
void quiz19(char ans19[4]) {
```

```
printf("\nques 19. C++ is a \n");
printf("A. Monolithic oriented
language \n");
printf("B. Object oriented language
\n");
printf("C. Procedural orientated
language \n");
printf("D. Structured orientated
language \n");



printf("enter your answer :");
 scanf("%s",ans19);
 if(strcasecmp(ans19,B)==0 ) {
 printf("true");
 }

 else {
```

```
 printf("false");
}

if ( strcasecmp(ans19,B)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
}
else {
printf(" \nSorry you still have %d
points\n",total_points);

}
```

```
}

void quiz20(char ans20[4]) {

printf("\nques 20.Extension of C++
language \n");
printf("A. .cpl\n");
printf("B. .cpc\n");
printf("C. .cpp\n");
printf("D. .c\n");



printf("enter your answer :");
 scanf("%s",ans20);
 if(strcasecmp(ans20,C)==0 ) {
 printf("true");
 }
```

```
 else {

 printf("false");
}

if ( strcasecmp(ans20,C)==0 ) {
points=5;
total_points=total_points+5;
printf("\nCongratulations!! you got
%d points\n",points);
printf("\n Your total points are
%d\n",total_points);
printf("Quiz is finished now!!!");
}
else {
printf(" \nSorry you still have %d
points\n",total_points);
printf("Quiz is finished now!!!");
```

```
}

}
  void info(){
setbkcolor(BLACK);
 setcolor(WHITE);
settextstyle(3,HORIZ_DIR,6);
outtextxy(80,30,"PROGRAMMER
INFO.");
settextstyle(3,HORIZ_DIR,4);

setcolor(WHITE);
outtextxy(10,130,"Name:-Sanju");
 settextstyle(3,HORIZ_DIR,4);

setcolor(WHITE);
outtextxy(10,170,"Age:-19");
  settextstyle(3,HORIZ_DIR,4);
```

```
setcolor(WHITE);
outtextxy(10,210,"Phone
no:-9877583155");
 settextstyle(3,HORIZ_DIR,4);

setcolor(WHITE);
outtextxy(10,250,"Insta ID:-sxnju._x");
 settextstyle(3,HORIZ_DIR,4);

setcolor(WHITE);
outtextxy(10,295,"snap ID:-
sanjusingh8071");
settextstyle(3,HORIZ_DIR,3);

setcolor(WHITE);
outtextxy(10,350,"(Follow me on
instagram for more info!!!)");
```

```
 settextstyle(3,HORIZ_DIR,3);

setcolor(WHITE);
outtextxy(10,385,"Disclamer :-Data is
according to Year 2024");



settextstyle(8,HORIZ_DIR,1);
setcolor(WHITE);
outtextxy(5,450,"Note :- For any
enquiries,please contact the
programmer");

 }
void cont(){
setbkcolor(BLACK);

settextstyle(1,HORIZ_DIR,9);
```

```
 setcolor(WHITE);
outtextxy(150,50,"ABOUT");
  settextstyle(1,HORIZ_DIR,2);
 setcolor(WHITE);
outtextxy(10,250,"->Here quwstions
contain from c and c++ language");
      settextstyle(1,HORIZ_DIR,2);
 setcolor(WHITE);
outtextxy(10,290,"->Score doesn't
matter but your knowledge matters
only");
settextstyle(1,HORIZ_DIR,2);
 setcolor(WHITE);
outtextxy(10,330,"->Questions are
only for knowledge no need to
worry!!");
  settextstyle(1,HORIZ_DIR,2);
 setcolor(WHITE);
```

```
outtextxy(10,370,"Enjoy !!!");
outtextxy(10,410,"NOTE:-JUST WRITE
A,B,C,D TO ANSWER THE QUES!!");
  }
void st() {
setbkcolor(BLACK);
setfillstyle(SOLID_FILL,YELLOW);
rectangle(80,30,550,100);
floodfill((80+550)/2,(30+100)/
2,WHITE);
setfillstyle(SOLID_FILL,GREEN);
rectangle(0,180,250,230);
floodfill((0+250)/2,(180+230)/
2,WHITE);
setfillstyle(SOLID_FILL,GREEN);

rectangle(0,250,250,300);
 floodfill((0+250)/2,(250+300)/
```

```
2,WHITE);

 setfillstyle(SOLID_FILL,GREEN);

rectangle(0,320,330,370);
 floodfill((0+250)/2,(320+370)/
2,WHITE);

setfillstyle(SOLID_FILL,GREEN);

rectangle(0,390,250,440);
floodfill((0+250)/2,(390+440)/
2,WHITE);
setfillstyle(SOLID_FILL,MAGENTA);



setcolor(BLACK);
settextstyle(1,HORIZ_DIR,7);
```

```
outtextxy(100,25,"**QUIZ GAME**");
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,3);
outtextxy(10,190,"Press 1 for Start");
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,2);
outtextxy(10,260,"Press 2 for About");
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,2);
outtextxy(10,330,"Press 3 for
PROGRAMMER INFO");
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,2);
outtextxy(10,400,"Press 4 for Exit");
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,5);
outtextxy(450,300,"QUIZ");
```

```
setcolor(WHITE);
settextstyle(1,HORIZ_DIR,20);
outtextxy(460,170,"?");
  }
void main()
{
int
i,next,start,end,choice,quiz,message,de
ci;
char ans1[4]; char ans11[4];
char ans2[4]; char ans12[4];
char ans3[4]; char ans13[4];
char ans4[4]; char ans14[4];
char ans5[4]; char ans15[4];
char ans6[4];char ans16[4];
char ans7[4];char ans17[4];
char ans8[4];char ans18[4];
char ans9[4];char ans19[4];
```

```
char ans20[4];
char ans10[4]; int n;
 int gd=DETECT,gm;
 initgraph(&gd,&gm,"c://tc//bgi");

   settextstyle(1,HORIZ_DIR,9);
   outtextxy(50,100,"QUIZ GAME"),
   settextstyle(1,HORIZ_DIR,1);
   outtextxy(200,350,"PRESS 0 TO
CONTINUE");
   settextstyle(1,HORIZ_DIR,2);
   outtextxy(520,220,"-Sanju");

    scanf("%d",&n);
    if(n==0) {
    cleardevice();
    start:
    cleardevice();
```

```
    st();
    scanf("%d",&choice);
    cleardevice();
    if(choice==1) {
     setbkcolor(RED);

printf("\nWELCOME TO QUIZ of
SANJU!!\n");
printf("\n Here,there are only 20
questions!\n");
printf("\n All the mcq questions!!\n");
printf("\n Write the option a,b,c,d to
answer\n");

quiz1(ans1);
quiz2(ans2);
quiz3(ans3);
quiz4(ans4);
```

```
 quiz5(ans5);
 quiz6(ans6);
 quiz7(ans7);
 quiz8(ans8);
 quiz9(ans9);
 quiz10(ans10);
 quiz11(ans11);
 quiz12(ans12);
 quiz13(ans13);
 quiz14(ans14);
 quiz15(ans15);
 quiz16(ans16);
 quiz17(ans17);
 quiz18(ans18);
 quiz19(ans19);
quiz20(ans20);
getch();
goto start;
```

```
}

    else if(choice==2){
    cleardevice();
    cont();
    getch();
    goto start;
    }
    else if(choice==3) {
      cleardevice();
      info();
     getch();
     goto start;
    }
    else if(choice==4) {
    exit(0);
    }
```

```
    }


getch();

}
```