QUIZ

#include<stdio.h>

#include<conio.h>

#include<ctype.h>

#include<stdlib.h>

#include<string.h>

void show\_record();

void reset\_score();

void help();

void edit\_score(float , char []);

int main()

{

int countr,r,r1,count,i,n;

float score;

char choice;

char playername[20];

mainhome:

system("cls");

printf("\t\t\tC PROGRAM EXAM QUIZ\n");

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

printf("\n\t\t\t WELCOME ");

printf("\n\t\t\t TO THE ");

printf("\n\t\t\t EXAM QUIZ ");

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

printf("\n\t\t BECOME A INTELLIGENT!!!!!!!!!!! ") ;

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

printf("\n\t\t > Press S to start the Quiz ");

printf("\n\t\t > Press V to view the highest score ");

printf("\n\t\t > Press R to reset score");

printf("\n\t\t > press H for help ");

printf("\n\t\t > press Q to quit ");

printf("\n\t\t\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n\n");

choice=toupper(getch());

if (choice=='V')

{

show\_record();

goto mainhome;

}

else if (choice=='H')

{

help();getch();

goto mainhome;

}

else if (choice=='R')

{reset\_score();

getch();

goto mainhome;}

else if (choice=='Q')

exit(1);

else if(choice=='S')

{

system("cls");

printf("\n\n\n\n\n\n\n\n\n\n\t\t\tResister your name:");

gets(playername);

system("cls");

printf("\n ------------------ Welcome %s to C Program Exam Quiz --------------------------",playername);

printf("\n\n Here are some tips you might wanna know before starting:");

printf("\n -------------------------------------------------------------------------");

printf("\n >> There are 2 rounds in this Exam Quiz ,WARMUP ROUND & CHALLANGE ROUND");

printf("\n >> In warmup round you will be asked a total of 3 questions to test your");

printf("\n general knowledge. You are eligible to start the quiz if you give atleast 2");

printf("\n right answers, otherwise you can't proceed further to the Challenge Round.");

printf("\n >> Your quiz starts with CHALLANGE ROUND. In this round you will be asked a");

printf("\n total of 10 questions. Each right answer will be awarded by 4 marks!");

printf("\n By this way you can win the quiz !!!!!..........");

printf("\n >> You will be given 4 options and you have to press A, B ,C or D for the");

printf("\n right option.");

printf("\n >> You will be asked questions continuously, till right answers are given");

printf("\n >> No negative marking for wrong answers!");

printf("\n\n\t!!!!!!!!!!!!! ALL THE BEST !!!!!!!!!!!!!");

printf("\n\n\n Press Y to start the quiz!\n");

printf("\n Press any other key to return to the main menu!");

if (toupper(getch())=='Y')

{

goto home;

}

else

{

goto mainhome;

system("cls");

}

home:

system("cls");

count=0;

for(i=1;i<=3;i++)

{

system("cls");

r1=i;

switch(r1)

{

case 1:

printf("\n\nWhich of the following is a Palindrome number?");

printf("\n\nA.42042\t\tB.101010\n\nC.23232\t\tD.01234");

if (toupper(getch())=='C')

{

printf("\n\nCorrect!!!");count++;

getch();

break;

}

else

{

printf("\n\nWrong!!! The correct answer is C.23232");

getch();

break;

}

case 2:

printf("\n\n\nThe country with the highest environmental performance index is...");

printf("\n\nA.France\t\tB.Denmark\n\nC.Switzerland\t\tD.Finland");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");count++;

getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is C.Switzerland");

getch();

break;}

case 3:

printf("\n\n\nWhich animal laughs like human being?");

printf("\n\nA.Polar Bear\t\tB.Hyena\n\nC.Donkey\t\tD.Chimpanzee");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");count++;

getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is B.Hyena");

getch();

break;}

case 4:

printf("\n\n\nWho was awarded the youngest player award in Fifa World Cup 2006?");

printf("\n\nA.Wayne Rooney\t\tB.Lucas Podolski\n\nC.Lionel Messi\t\tD.Christiano Ronaldo");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");count++;

getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is B.Lucas Podolski");

getch();

break;}

case 5:

printf("\n\n\nWhich is the third highest mountain in the world?");

printf("\n\nA.Mt. K2\t\tB.Mt. Kanchanjungha\n\nC.Mt. Makalu\t\tD.Mt. Kilimanjaro");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");count++;

getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is B.Mt. Kanchanjungha");

getch();

break;}

case 6:

printf("\n\n\nWhat is the group of frogs known as?");

printf("\n\nA.A traffic\t\tB.A toddler\n\nC.A police\t\tD.An Army");

if (toupper(getch())=='D' )

{printf("\n\nCorrect!!!");count++;

getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is D.An Army");

getch();

break;}}

}

if(count>=2)

{goto test;}

else

{

system("cls");

printf("\n\nSORRY YOU ARE NOT ELIGIBLE TO PLAY THIS GAME, BETTER LUCK NEXT TIME");

getch();

goto mainhome;

}

test:

system("cls");

printf("\n\n\t\*\* CONGRATULATION %s you are eligible to play the Game \*\*",playername);

printf("\n\n\n\n\t!Press any key to Start the Game!");

if(toupper(getch())=='p')

{goto game;}

game:

countr=0;

for(i=1;i<=10;i++)

{system("cls");

r=i;

switch(r)

{

case 1:

printf("\n\nWhich of these is not a relational or logical operator?");

printf("\n\nA. =\t\tB. ||\n\nC. ==\t\tD. !=");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is A. =");

}

case 2:

printf("\n\n\nOut of the following,which one is not valid as an if-else statement?");

printf("\n\nA. if((char)x){}\t\tB. if(x){}\n\nC. if(func1(x)){}\t\tD. if(if(x==1)){}");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is D. if(if(x==1)){}");

}

case 3:

printf("\n\n\nwe cannot use the keyword 'break' simply within\_ \_ \_ \_ \_? ");

printf("\n\nA.while\t\tB.for\n\nC.if-else\t\tD.do-while");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is C. if-else");

}

case 4:

printf("\n\n\nThe global variables are\_ \_ \_ \_ \_ \_ \_?");

printf("\n\nA.External\t\tB.Internal\n\nC.Both external and internal\t\tD.none of these");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");

countr++;

}

else

{

printf("\n\nWrong!!! The correct answer is A.External");

}

case 5:

printf("\n\n\nThe #include<stdio.h> is a\_ \_ \_ \_ \_ \_?");

printf("\n\nA.Inclusion directive\t\tB.File inclusion directive\n\nC.Preprocessor directive\t\tD.none of the above");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");

countr++;}

else

{

printf("\n\nWrong!!! The correct answer is C.Preprocessor directive");

}

case 6:

printf("\n\n\nWhich of these properties of#define is false?");

printf("\n\nA.these always obey the scope rules\t\tB.we can make use of a pointer to #define\n\nC.The #define can be externally available\t\tD.All of the above");

if (toupper(getch())=='A' )

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is A.All of the above");

}

case 7:

printf("\n\n\nWhich one will generate random numbers effectively?");

printf("\n\nA.rand(time(null));\t\tB.rand(10);\n\nC.rand();\t\tD.all of the above");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is C.rand();");

}

case 8:

printf("\n\n\nwho is the father of c language?");

printf("\n\nA.Dennis Ritchie\t\tB.Steve Jobs\n\nC.James Gosling\t\tD.Rasmus Lerdorf");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");

countr++;}

else

{printf("\n\nWrong!!! The correct answer is A.Dennis Ritchie");

}

case 9:

printf("\n\n\nWhich of the following is not a valid c variable name?");

printf("\n\nA.int number\t\tB.float rate\n\nC.int variable\_count\t\tD.int $main");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is D.int $main");

}

case 10:

printf("\n\n\nAll keywords in c are in\_ \_ \_ \_ \_ \_ \_ ?");

printf("\n\nA.Lowercase letters\t\tB.Uppercase letters\n\nC.Camelcase letters\t\tD.none of the mentioned");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");

countr++;}

else

{printf("\n\nWrong!!! The correct answer is D.none of the mentioned");}

case 11:

printf("\n\n\nHow is an array initialized in c language?");

printf("\n\nA.int a[3]={1,2,3};\t\tB.int a={1,2,3};\n\nC.int a[]=newint(3)\t\tD.int a(3)=[1,2,3];");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is A.int a[3]={1,2,3};");

}

case 12:

printf("\n\n\nHow is the third element in an array accessed based on pointer notation?");

printf("\n\nA.a+3\t\tB.(a+3)\n\nC.\*(\*a+3)\t\tD.&(a+3)");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is B.\*(a+3)");

}

case 13:

printf("\n\n\nWhat does the following decleration indicates? int x:8;");

printf("\n\nA.x stores a value of 8\t\tB.x is an 8 bit integer\n\nC.both a and b\t\tD.none of the above");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is B.x is an 8 bit integer");

}

case 14:

printf("\n\n\nWhich of the following is an exit controlled loop?");

printf("\n\nA.while loop\t\tB.for loop\n\nC.do-while loop\t\tD.none of the above");

if (toupper(getch())=='c')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is C.do-while loop");

}

case 15:

printf("\n\n\nIf p is an integer pointer with a value 1000,then what will the output of p+5?");

printf("\n\nA.1020\t\tB.1005\n\nC.1004\t\tD.1010");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is A.1020");

}

case 16:

printf("\n\n\nWhich of the following are not standard header files in c?");

printf("\n\nA.stdio.h\t\tB.stdlib.h\n\nC.conio.h\t\tD.none of the above");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is D.none of the above");

}

case 17:

printf("\n\n\nHow to find the length of an array in c");

printf("\n\nA.sizeof(a)\t\tB.sizeof(a[0])\n\nC.sizeofa(a)/sizeof(a[0])\t\tD.sizeof(a)\*sizeof(a[0])");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is C.sizeofa(a)/sizeof(a[0])");

}

case 18:

printf("\n\n\nWhich of the following is not a storage class specifier in c?");

printf("\n\nA.volatile\t\tB.extern\n\nC.typedef\t\tD.static\n\n");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");

countr++;

}

else

{printf("\n\nWrong!!! The correct answer is A.volatile");}

case 19:

printf("\n\n\nWhich of the following will occur if we call the free() function on a NULL pointer?");

printf("\n\nA.compilation error\tB.runtime error\n\nC.undefined behaviour\tD.The program will execute normally\n\n");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is D.The program will execute normally");

}

case 20:

printf("\n\n\nWhich of the following should be used to free memory from a pointer allocated using the new operator?");

printf("\n\nA.free()\t\tB.delete\n\nC.realloc()\t\tD.none of the above");

if (toupper(getch())=='B')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is B.delete");

}

case 21:

printf("\n\n\nIn which year was c developed?");

printf("\n\nA.1962\t\tB.1978\n\nC.1979\t\tD. 1972");

if (toupper(getch())=='D')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is D.1972");

}

case 22:

printf("\n\n\nC is a\_ \_ \_ \_ \_ \_ ?");

printf("\n\nA.Low level language\t\tB.High level language\n\nC.Medium level language\t\tD.none of the above");

if (toupper(getch())=='C')

{printf("\n\nCorrect!!!");countr++;

}

else

{printf("\n\nWrong!!! The correct answer is C.Medium level language");

}

case 23:

printf("\n\n\nHow many keywords are there in c language?");

printf("\n\nA.32\t\tB.33\n\nC.64\t\tD.18");

if (toupper(getch())=='A')

{printf("\n\nCorrect!!!");countr++; getch();

break;}

else

{printf("\n\nWrong!!! The correct answer is A.32");getch();goto score;

break;}}}

score:

system("cls");

score=(float)countr\*4;

if(score>0.00 && score<100)

{

printf("\n\n\t\t\*\*\*\*\*\* CONGRATULATION \*\*\*\*\*\*\*");

printf("\n\t You got %.2fmarks",score);goto go;}

else if(score==92.00)

{

printf("\n\n\n \t\t\*\*\*\*\*\* CONGRATULATION \*\*\*\*\*\*");

printf("\n\t\t\t\t YOU ARE A INTELLIGENT!!!!!!!!!");

printf("\n\t\t You won $%.2f",score);

printf("\t\t Thank You!!");

}

else

{

printf("\n\n\t\*\*\*\* SORRY YOU DIDN'T WIN QUIZ EXAM \*\*\*\*");

printf("\n\t\t Thanks for your participation");

printf("\n\t\t TRY AGAIN");goto go;}

go:

puts("\n\n Press Y if you want to play next game");

puts(" Press any key if you want to go main menu");

if (toupper(getch())=='Y')

goto home;

else

{

edit\_score(score,playername);

goto mainhome;}}}

void show\_record()

{system("cls");

char name[20];

float scr;

FILE \*f;

f=fopen("score.txt","r");

fscanf(f,"%s%f",&name,&scr);

printf("\n\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

printf("\n\n\t\t %s has secured the Highest Score %0.2f",name,scr);

printf("\n\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

fclose(f);

getch();}

void reset\_score()

{system("cls");

float sc;

char nm[20];

FILE \*f;

f=fopen("score.txt","r+");

fscanf(f,"%s%f",&nm,&sc);

sc=0;

fprintf(f,"%s,%.2f",nm,sc);

fclose(f);}

void help()

{system("cls");

printf("\n\n HELP");

printf("\n -------------------------------------------------------------------------");

printf("\n ......................... C program Quiz Game...........");

printf("\n >> There are two rounds in the Quiz, WARMUP ROUND & CHALLANGE ROUND");

printf("\n >> In warmup round you will be asked a total of 3 questions to test your general");

printf("\n knowledge. You will be eligible to play the game if you can give atleast 2");

printf("\n right answers otherwise you can't play the Game...........");

printf("\n >> Your game starts with the CHALLANGE ROUND. In this round you will be asked");

printf("\n total 10 questions each right answer will be awarded 4marks.");

printf("\n By this way you can win upto ONE MILLION cash prize in USD...............");

printf("\n >> You will be given 4 options and you have to press A, B ,C or D for the");

printf("\n right option");

printf("\n >> You will be asked questions continuously if you keep giving the right answers.");

printf("\n >> No negative marking for wrong answers");

printf("\n\n\t\*\*\*\*\*\*\*\*BEST OF LUCK\*\*\*\*\*\*\*\*\*\*\*\*");

printf("\n\n\t\*\*C PROGRAM QUIZ EXAM is developed by CODE WITH C TEAM\*\*\*");}

void edit\_score(float score, char plnm[20])

{system("cls");

float sc;

char nm[20];

FILE \*f;

f=fopen("score.txt","r");

fscanf(f,"%s%f",&nm,&sc);

if (score>=sc)

{ sc=score;

fclose(f);

f=fopen("score.txt","w");

fprintf(f,"%s\n%.2f",plnm,sc);

fclose(f);}}