

## **COMPUTER ASSINGMENT 3**

### **DEVENDRA GUPTA (AY1)**

This is made by DEVENDRA GUPTA.

Ths is submitted to miss. Gurpreet mam.

In this DDE all program and in competer 1 is available

#### **COMPUTER ASSINGMENT 3**

#### **DEVENDRA GUPTA**

```
#include<stdio.h>
#include<tension.h>
void main()
{
     mind = confused:
     while(study!=done)
     If(exam==pass)
    Tension free;
     else
     Game over;
```

### **DETAILS:**

Class: AY1

Roll no.20

Subject: COMPUTER

(CS) semester 1

Facality: Miss.

Gurpreet mam

DATE: 05|12|2023

(TUESDAY)

LANGUAGE: C

NO. OF CODES: 185

University Roll no. - 2315000726

## PROJECT OR ASSINGMENT OF SEMESTER 1

#### 1. WRITE A PROGRAM OF VOTING MACHINE?

```
#include<stdio.h>
#include<conio.h>
int win_by_vote;
int BJP=0;int BSP=0;int INC=0;int ADP=0; int others=0;
void vote();
void result();
void details();
void vote()
{
                    int VOTE;
                    printf("\npress 1 for vote for BJP\n");
                    printf("press 2 for vote for ADP\n");
                    printf("press 3 for vote for BSP\n");
                    printf("press 4 for vote for INC\n");
                    printf("press 5 for vote for OTHERS\n");
                    scanf("%d",&VOTE);
                    printf("\n");
                    switch(VOTE)
                              case 1:
                                         {
                                         BJP+=1;
                                         break;
                                         }
                              case 2:
                                         {
                                         ADP+=1;
                                         break;
                                         }
```

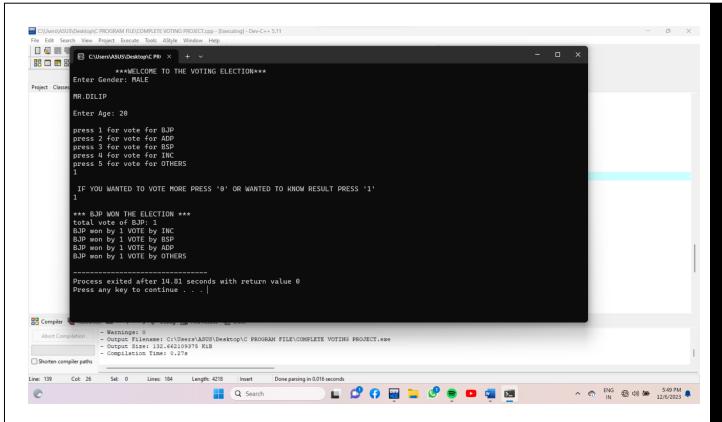
```
case 3:
         {
         BSP+=1;
         break;
}
case 4:
         {
         INC+=1;
         break;
         }
case 5:
         {
         others+=1;
         break;
         }
default:
         {
                   printf("invalid\n");
         }
void result()
if(BJP>INC&&BJP>ADP&&BJP>BSP)
         printf("^{***} \ BJP \ WON \ THE \ ELECTION \ ^{***}\ ');
         printf("total vote of BJP: %d\n",BJP);
          win_by_vote=BJP-INC;
         printf("BJP won by %d VOTE by INC\n",win_by_vote);
         win_by_vote=BJP-BSP;
         printf("BJP won by %d VOTE by BSP\n",win_by_vote);
```

```
win_by_vote=BJP-ADP;
         printf("BJP won by %d VOTE by ADP\n",win_by_vote);
         win_by_vote=BJP-others;
         printf("BJP won by %d VOTE by OTHERS\n",win_by_vote);
}
else if(INC>BSP&&INC>ADP&&INC>others)
         printf("*** INC WON THE ELECTION ***\n");
         printf("total vote of BJP : %d\n",BJP);
         win_by_vote=INC-BJP;
         printf("INC won by %d VOTE by BJP\n",win_by_vote);
         win_by_vote=INC-BSP;
         printf("INC won by %d VOTE by BSP\n",win_by_vote);
         win_by_vote=INC-ADP;
         printf("INC won by %d VOTE by ADP\n",win_by_vote);
         win_by_vote=INC-others;
         printf("INC won by %d VOTE by OTHERS\n",win_by_vote);
else if(BSP>ADP&&BSP>others)
         printf("*** BSP WON THE ELECTION ***\n");
         printf("total vote of BSP : %d\n",BSP);
         win_by_vote=BSP-BJP;
         printf("BSP won by %d VOTE by BJP\n",win_by_vote);
         win_by_vote=BSP-INC;
         printf("BSP won by %d VOTE by INC\n",win_by_vote);
         win_by_vote=BSP-ADP;
         printf("BSP won by %d VOTE by ADP\n",win_by_vote);
         win_by_vote=BSP-others;
         printf("BSP won by %d VOTE by OTHERS\n",win_by_vote);
}
```

```
else if(ADP>others)
         printf("*** ADP WON THE ELECTION ***\n");
         printf("total vote of ADP : %d\n",ADP);
         win_by_vote=ADP-BJP;
         printf("ADP won by %d VOTE by BJP\n",win_by_vote);
         win_by_vote=ADP-INC;
         printf("ADP won by %d VOTE by INC\n",win_by_vote);
         win_by_vote=ADP-BSP;
         printf("ADP won by %d VOTE by BSP\n",win_by_vote);
         win_by_vote=ADP-others;
         printf("ADP won by %d VOTE by OTHERS\n",win_by_vote);
else if(BJP==INC&&BJP==ADP&&BJP==BSP&&BJP&&BJP==others)
         printf("***NO PARTY WON THE ELECTION ***");
else
         printf("*** OTHERS WON THE ELECTION ***\n");
         printf("total vote of OTHERS: %d\n",others);
         win_by_vote=others-BJP;
         printf("OTHERS won by %d VOTE by BJP\n",win_by_vote);
         win_by_vote=others-INC;
         printf("OTHERS won by %d VOTE by INC\n",win_by_vote);
         win_by_vote=others-BSP;
         printf("OTHERS won by %d VOTE by BSP\n",win_by_vote);
         win_by_vote=others-ADP;
         printf("OTHERS won by %d VOTE by ADP\n",win_by_vote);
```

```
}
void details()
          int i,age;
          int n=6;
          char gender[10];
          printf("Enter Gender: ");
          scanf("%s",&gender);
          if(gender[0]=='m'||gender[0]=='M')
          {
                    printf("\nMr.");
                    char name[50];
                    scanf("%s",&name);
          }
          else if(gender[0]=='f'||gender[0]=='F')
          {
                    printf("\nMiss.");
                    char name[50];
                    scanf("%s",&name);
          }
          else
                    printf("\nInvalid");
          printf("\nEnter Age: ");
          scanf("%d",&age);
}
int main()
          int n=1;
                       ***WELCOME TO THE VOTING ELECTION***\n");
          printf("
```

```
details();
         vote();
         while(n<11)
         {
                   int choice;
                   printf(" IF YOU WANTED TO VOTE MORE PRESS '0'");
                   printf("\ OR\ WANTED\ TO\ KNOW\ RESULT\ PRESS\ '1'\ 'n");
                   scanf("%d",&choice);
                   printf("\n");
                   if(choice==1)
                   {
                             result();
                             break;
                   }
                   else
                   {
                             details();
                             vote();
                   }
                   n++;
         }
                   return 0;
}
```

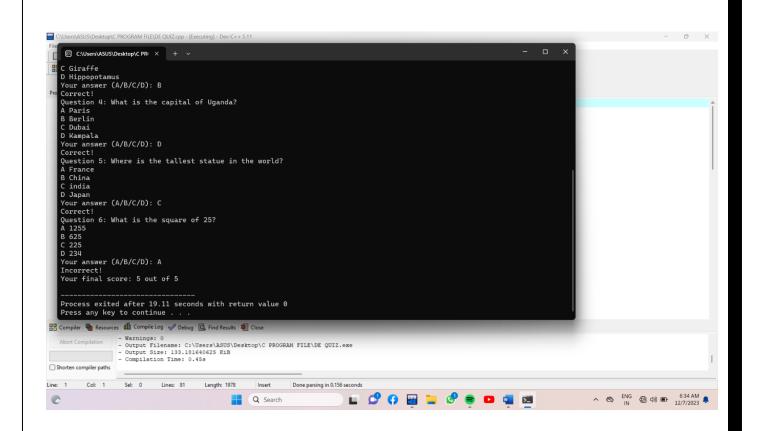


#### QUES 2:WRITE A CODE TIME DILATION QUIZ?

```
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
void askQuestion(int questionNumber, const char *question, const char *options[])
           {
          printf("Question %d: %s\n", questionNumber, question);
          for (int i = 0; i < 4; ++i)
                     {
             printf("\%c \%s\n", 'A' + i, options[i]);
             }
          printf("Your answer (A/B/C/D): ");
          }
int main()
{
  srand(time(NULL));
  const char *questions[] = {
     "What is the capital of France?",
```

```
"Which planet is known as the Red Planet?",
   "What is the largest mammal on Earth?",
   "What is the capital of Uganda?",
   "Where is the tallest statue in the world?",
   "What is the square of 25?"
};
const char *options[][4] = {
  {"Paris", "Berlin", "Rome", "Madrid"},
  {"Mars", "Jupiter", "Saturn", "Venus"},
  {"Elephant", "Blue Whale", "Giraffe", "Hippopotamus"},
  {"Paris", "Berlin", "Dubai", "Kampala"},
  {"France", "China", "india", "Japan"},
  {"1255", "625", "225", "234"}
};
        const char answers[] = \{'A', 'A', 'B', 'D', 'C', 'B'\};
time_t startTime, currentTime;
int score = 0;
char name[50];
printf("Welcome to the Quiz! You have 30 seconds to answer all the questions.\n");
printf("\n\n Enter your name:- ");
scanf("%s",&name);
time(&startTime);
for (int i = 0; i < 6; ++i)
        {
  askQuestion(i + 1, questions[i], options[i]);
        char userAnswer;
  scanf(" %c", &userAnswer);
```

```
if (userAnswer == answers[i])
                              {
           printf("Correct!\n");
           score++;
       }
                              else
                              {
           printf("Incorrect!\n");
       }
       time(&currentTime);
       if (difftime(currentTime, startTime) >= 30)
                              {
           printf("Time's up! Quiz over.\n");
           break;
       }
   }
   printf("Your final score: %d out of 5\n", score);}
C:\Users\ASUS\Desktop\C PROGRAM FILE\DE QUIZ.cpp - [Executing] - Dev-C++ 5.11
     © C:\Users\ASUS\Desktop\C PR( × + ~
    Welcome to the Quiz! You have 30 seconds to answer all the questions.
    Enter your name:- DILIP
Question 1: What is the capital of France?
A Paris
B Berlin
    C Rome
D Madrid
     Your answer (A/B/C/D): A
Correct!
    Correct!
Question 2: Which planet is known as the Red Planet?
A Mars
B Jupiter
C Saturn
D Venus
Valva Dagger (A/B/C/D). A
     D Venus
Your answer (A/B/C/D): A
Correct!
Question 3: What is the largest mammal on Earth?
    Question 3: what is the d
A Elephant
B Blue Whale
C Giraffe
D Hippopotamus
Your answer (A/B/C/D): B
     Correct!
Question 4: What is the capital of Uganda?
        piler 🍓 Resources 🛍 Compile Log 🥒 Debug 🗓 Find Results 🖏 Close
                      - Warnings: 0 - Output Filename: C:\Users\ASUS\Desktop\C PROGRAM FILE\DE QUIZ.exe - Output Size: 133.181640625 KiB - Compilation Time: 0.45s
Shorten compiler paths
                                                                                Done parsing in 0.156 seconds
                                                                                                                                                                                 🖬 🧬 😝 🖼 📜 🥩 📦 🔼 🖼 🖼
                                                                 Q Search
```



# THANKS !!!

