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Sub :- ESFP-2_Project

Title :- Quiz Game

CODE:-

```
#include<iostream>
```

```
#include<conio.h>
```

```
using namespace std;
```

```
int main(){
```

```
    string all_questions[10] = { // all the questions
```

```
    "Which is the smallest country?",
```

```
    "Which is the capital of Argentina?",
```

```
    "Which is called world population day?",
```

```
    "Who is the first person to draw the map of earth?",
```

```
    "Who was the first lady astronaut?",
```

```
    "Who is the father of chemistry?",
```

```
    "Who is the inventor of Rail Engine?",
```

```
    "Which is the capital of America?",
```

```
    "Which is not the member of G-8?",
```

```
    "Which is the biggest ocean?" };
```

```
    string all_options[10][4] = { // all options
```

```
    {"Maldivs","Vatican city","Fizi","Tuvalue"},
```

```
    {"Buenes aires","Havana","Tokiyo","None of them"},
```

```
    {"5 March","11 july","17 May","12 June"},
```

```

{"Aristotol","Neuton","Anaximander","Thales"},
{"Tomas alva","George King","Valentina Terescova","Nil Armstrong"},
{"Thomson","Robert boyel","John Dalton","Demitri Mendelieve"},
{"Jems watt","Michel Farady","Stiphenson","Kohen"},
{"Washington DC","Moscow","Hawaii","California"},
{"France","Italy","Spain","Jarmany"},
{"Arctic ocean","Pacific Ocean","Indian ocean","Atlantic"},
};

string correct_ans[10] = { // correct options
    "Vatican city","Buenes aires","11 july","Anaximander",
    "Valentina Terescova","Robert boyel","Stiphenson",
    "Washington DC","Spain","Pacific Ocean"
};

int selected_option[10] = {0, 0, 0, 0, 0, 0, 0, 0, 0, 0};

int totalQ = 10;

for(int i = 0; i < totalQ; i++){
    cout << "Question No: " << (i+1) << endl;
    cout << all_questions[i] << endl;
    cout << "1." << all_options[i][0] << endl;
    cout << "2." << all_options[i][1] << endl;
    cout << "3." << all_options[i][2] << endl;
    cout << "4." << all_options[i][3] << endl << endl;

    cout << "Select your answer as 1, 2, 3 or 4 here : ";
    cin >> selected_option[i];
    cout << endl << "-----" << endl << endl;
}

```

```

//----- Printing Correct Options -----

cout << "*****" << endl;

cout << "***** Compare your answer *****" << endl;

cout << "*****" << endl << endl;

for(int i = 0; i < totalQ; i++){

    cout << "Question No: " << (i+1) << endl;

    cout << all_questions[i] << endl;

    cout << "1." << all_options[i][0] << endl;

    cout << "2." << all_options[i][1] << endl;

    cout << "3." << all_options[i][2] << endl;

    cout << "4." << all_options[i][3] << endl;

    if(selected_option[i] == 0 ){

        cout << "You have Skipped this Question." << endl;

    }else{

        cout << "You have Selected : " << all_options[i][selected_option[i]-1] <<

endl;

    }

    cout << "Correct Option was : " << correct_ans[i] << endl << endl;

    cout << "Press any key to continue checking..." << endl;

    getch();

    cout << endl << "-----" << endl;

}

//----- Printing Result -----

cout << endl << endl;

cout << "*****" << endl;

cout << "***** Your Result *****" << endl;

```

```

cout << "***** " << endl << endl;

int correct = 0;
int incorrect = 0;
int skipped = 0;

for(int i = 0; i < totalQ; i++){
    if(selected_option[i] != 0){
        if(correct_ans[i] == all_options[i][selected_option[i]-1]){
            correct++;
        }else{
            incorrect++;
        }
    }else{
        skipped++;
    }
}

cout << "Total number of questions : " << totalQ << endl;
cout << "Correct answer : " << correct << endl;
cout << "Wrong answer : " << incorrect << endl;
cout << "Skipped : " << skipped << endl;

getch();
return 0;
}

```

OUTPUT :-

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Question No: 1

Which is the smallest country?

- 1.Maldivs
- 2.Vatican city
- 3.Fizi
- 4.Tuvalue

Select your answer as 1, 2, 3 or 4 here : 2

Question No: 2

Which is the capital of Argentina?

- 1.Buenes aires
- 2.Havana
- 3.Tokiyo
- 4.None of them

Select your answer as 1, 2, 3 or 4 here : 1

Question No: 3

Which is called world population day?

- 1.5 March
- 2.11 july
- 3.17 May
- 4.12 June

Select your answer as 1, 2, 3 or 4 here : 2

Question No: 4

Who is the first person to draw the map of earth?

- 1.Aristotol
- 2.Neuton
- 3.Anaximander
- 4.Thales

Select your answer as 1, 2, 3 or 4 here : 3_

Question No: 5

Who was the first lady astronaut?

- 1.Tomas alva
- 2.George King
- 3.Valentina Terescova
- 4.Nil Armstrong

Select your answer as 1, 2, 3 or 4 here : 3

Question No: 6

Who is the father of chemistry?

- 1.Thomson
- 2.Robert boyel
- 3.John Dalton
- 4.Demitri Mendelieve

Select your answer as 1, 2, 3 or 4 here : 2

Question No: 7

Who is the inventor of Rail Engine?

- 1.Jems watt
- 2.Michel Farady
- 3.Stiphenson
- 4.Kohen

Select your answer as 1, 2, 3 or 4 here : 3

Question No: 8

Which is the capital of America?

- 1.Washington DC
- 2.Moscow
- 3.Hawaii
- 4.California

Select your answer as 1, 2, 3 or 4 here : 1_

Question No: 9

Which is not the member of G-8?

- 1.France
- 2.Italy
- 3.Spain
- 4.Jarmany

Select your answer as 1, 2, 3 or 4 here : 3

Question No: 10

Which is the biggest ocean?

- 1.Arctic ocean
- 2.Pacific Ocean
- 3.Indian ocean
- 4.Atlantic

Select your answer as 1, 2, 3 or 4 here : 2

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***** Compare your answer *****

Question No: 1

Which is the smallest country?

- 1.Maldivs
- 2.Vatican city
- 3.Fizi
- 4.Tuvalue

You have Selected : Vatican city

Correct Option was : Vatican city

Press any key to continue checking...

Question No: 2

Which is the capital of Argentina?

- 1.Buenes aires
- 2.Havana
- 3.Tokiyo
- 4.None of them

You have Selected : Buenes aires

Correct Option was : Buenes aires

Press any key to continue checking...

Question No: 3

Which is called world population day?

- 1.5 March
- 2.11 july
- 3.17 May
- 4.12 June

You have Selected : 11 july

Correct Option was : 11 july

Press any key to continue checking...

Question No: 4

Who is the first person to draw the map of earth?

- 1.Aristotol
- 2.Neuton
- 3.Anaximander
- 4.Thales

You have Selected : Anaximander

Correct Option was : Anaximander

Press any key to continue checking...

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Press any key to continue checking...

Question No: 5

Who was the first lady astronaut?

- 1.Tomas alva
- 2.George King
- 3.Valentina Terescova
- 4.Nil Armstrong

You have Selected : Valentina Terescova

Correct Option was : Valentina Terescova

Press any key to continue checking...

Question No: 6

Who is the father of chemistry?

- 1.Thomson
- 2.Robert boyel
- 3.John Dalton
- 4.Demitri Mendelieve

You have Selected : Robert boyel

Correct Option was : Robert boyel

Press any key to continue checking...

Question No: 7

Who is the inventor of Rail Engine?

- 1.Jems watt
- 2.Michel Farady
- 3.Stiphenson
- 4.Kohen

You have Selected : Stiphenson

Correct Option was : Stiphenson

Press any key to continue checking...

Question No: 8

Which is the capital of America?

- 1.Washington DC
- 2.Moscow
- 3.Hawaii
- 4.California

You have Selected : Washington DC

Correct Option was : Washington DC

Press any key to continue checking...

Question No: 9

Which is not the member of G-8?

- 1.France
- 2.Italy
- 3.Spain
- 4.Jarmany

You have Selected : Spain

Correct Option was : Spain

Press any key to continue checking...

Question No: 10

Which is the biggest ocean?

- 1.Arctic ocean
- 2.Pacific Ocean
- 3.Indian ocean
- 4.Atlantic

You have Selected : Pacific Ocean

Correct Option was : Pacific Ocean

Press any key to continue checking...

***** Your Result *****

Total number of questions : 10

Correct answer : 10

Wrong answer : 0

Skipped : 0