

Answer on Question #48225 – Engineering – Other

The function will return true if and only if a passport holder satisfies following conditions-

A passport holder should not be a criminal.

A passport holder must have only one nationality and it should be "Indian".

A passport holder must be living at current address for more than 12 months.

A valid passport holder must hold at least two degrees from the list: "High School", "Intermediate", "Graduate", "Professional"

Write a method:

```
boolean isValidIndianPassportHolder(boolean isCriminal, String[] nationalities, float livingMonths, String[] qualifications);
```

isCriminal Value of this variable will be true, if passport holder is criminal otherwise false

nationalities A string array of nationalities which cannot be null

livingMonths This variable defines the number of months the passport holder was living at the given address

qualifications This variable defines a string array which defines qualifications (e.g. High School, Intermediate, Graduate of the passport ho

Solution (C#)

```
bool isValidIndianPassportHolder(bool isCriminal, String[] nationalities, float livingMonths, String[] qualifications)
{
    int count = 0;
    for (int i=0; i<qualifications.Length; i++)
        if ( qualifications[i].Equals("High School") ||
            qualifications[i].Equals("Intermadiate") ||
            qualifications[i].Equals("Graduate") ||
            qualifications[i].Equals("Proffesional") )
            count++;
    bool j = false;
    for (int i = 0; i < nationalities.Length; i++)
        if (nationalities[i].Equals("Indian")) j = true;

    if ((isCriminal == true) && j && (livingMonths > 12) && (count > 1))
        return true;
    else
        return false;
}
```