|  |
| --- |
| FAMILY TREE |

|  |
| --- |
| RAMESH (GRAND FATHER) |

|  |
| --- |
| REVATHY (GRAND MOTHER) |

GENERATION 1

|  |
| --- |
| RAM |

|  |
| --- |
| BAVANA |

|  |
| --- |
| YAMINI(UNMARRIED) |

|  |
| --- |
| DARSHINI (SPOUSE OF RAM) |

|  |
| --- |
| AGILAN(UNMARRIED) |

|  |
| --- |
| MEGALA(UNMARRIED) |

|  |
| --- |
| ELANGO (SPOUSE OF BAVANA) |

🡨--- GENERATION 2--🡪

🡨--- GENERATION 3 ---🡪

|  |  |  |  |
| --- | --- | --- | --- |
| PARENTS | SON | DAUGHTER | MARITAL STATUS |
| RAMESH-F | RAM | BAVANA | BOTH MARRIED |
| REVATHY-M |  |  |  |

**GENERATION 1 TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| PARENTS | SON | DAUGHTER | MARITAL STATUS |
| RAM-F | AGILAN | - | UNMARRIED |
| DARSHINI-M |  |  |  |

**GENERATION 2 TABLE (a):**

**GENERATION 2 TABLE (b):**

|  |  |  |  |
| --- | --- | --- | --- |
| PARENTS | SON | DAUGHTER | MARITAL STATUS |
| ELANGO-F | - | YAMINI & MEGALA | UNMARRIED |
| BAVANA-M |  |  |  |

**CONDITIONS:**

For a male, a match will be,

\* his father's sisters' daughter

\* his mother's brothers' daughter

For a female, a match will be,

\* her father's sisters' son

\* her mother's brothers' son

**AS PER THE DESIRED CONDITIONS THE ELIGIBLE MATCHES FOR UNMARRIED INDIVIDUALS ARE:**

1. AGILAN 🡪 YAMINI & MEGALA

2. YAMINI 🡪 AGILAN

3. MEGALA 🡪 AGILAN

**CODING LOGIC using CLASSES:**

class parent

{

public:

string m.name;

string f.name;

}

class sibling

{

public:

string name;

string gender;

son.string[];

daughter.string[];

}

Class family

{

spouse.name;

c.name[]

}

class ex\_family

{

name;

gender;

son;

daughter;

}