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1: #include <stdio.h>
2: #include <string.h>
3:
4: #define MAXN 10000
5:
6: int i, j, n, t, win[MAXN + 1] ;
7: char mev[MAXN + 1] ;
8:
9: int main(void)
10: {
11:     win[0] = 0 ;
12:     win[1] = 0 ;
13:     win[2] = 1 ;
14:     for (i = 3 ; i <= MAXN ; i++)
15:     {
16:         for (j = 0 ; 2 * j <= i - 2 ; j++)
17:             mev[win[j] ^ win[i - j - 2]] = 1 ;
18:         win[i] = strlen(mev) ;
19:         memset((void*)mev, 0, sizeof(mev)) ;
20:     }
21:     scanf("%d", &t) ;
22:     while (t--)
23:     {
24:         scanf("%d", &n) ;
25:         printf(win[n] ? "Arjuna\n" : "Bhima\n") ;
26:     }
27:     return 0 ;
28: }
29:
```