#include <stdio.h>

#include <string.h>

int n;

bool f[5010];

char s[5010];

int check(int k)

{

int c = 0, r = 0, i;

memset(f, 0, sizeof(f));

for (i = 0; i+k <= n; i++)

{

if (i >= k)

c -= f[i-k];

if ((s[i] == 'B')^(c&1))

{

f[i] = 1;

c++;

r++;

}

}

while (i < n)

{

if (i >= k)

c -= f[i-k];

if ((s[i++] == 'B')^(c&1))

return n+1;

}

return r;

}

int main()

{

freopen("cowturn.in", "r", stdin);

freopen("cowturn.out", "w", stdout);

int k, m, p, q, i;

scanf("%d", &n);

for (p = i = 0; i < n; i++)

{

scanf("%s", s+i);

p += s[i] == 'B';

}

q = 1;

for (k = 2; k <= n; k++)

{

m = check(k);

if (m < p)

{

p = m;

q = k;

}

}

printf("%d %d\n", q, p);

return 0;

}