

A.

$(a_1 + a_2), a_3$ $3: a_1$ $(a_2 + a_3), a_2$ $(a_1 + a_2).$

```

if (a1=a2+a3) or (a2=a1+a3) or (a3=a1+a2) then begin
  writeln ('YES')
end else begin
  writeln ('NO')
end;

```

B.

A.

$$: \forall i, j (1 \leq i, j \leq 4) A[i][j] = A[j][i].$$

Pascal):

```

for i:=1 to 4 do begin
  for j:=1 to 4 do begin
    if ( a[i][j] <> a[j][i] ) then
      begin
        writeln ('SOMETHING OTHER');
        halt(0);
      end;
  end;
end;
writeln ('WORD SQUARE');

```

n $m,$
 $($ $S).$
 $C,$
 $c,$

S-C/2.

D.

P

k-

k

(*P*).

```
uses
  Math;

var
  i, n, j, k : longint;
  x, y, xt, yt : array [0..100] of extended;
  ans : extended;

begin
  reset(input, 'dual.in');
  rewrite(output, 'dual.out');

  read(n);
  for i := 0 to n - 1 do begin
    read(x[i], y[i]);
  end;
  read(k);

  for j := 1 to k do begin
    for i := 0 to n - 1 do begin
      xt[i] := (x[i] + x[(i + 1) mod n]) / 2;
      yt[i] := (y[i] + y[(i + 1) mod n]) / 2;
    end;
  end;
```

```
        x := xt;
        y := yt;
    end;

    ans := 0;
    for i := 0 to n - 1 do begin
        ans := ans + sqrt(sqr(x[(i + 1) mod n] - x[i]) +
sqr(y[(i + 1) mod n] - y[i]));
    end;

    write(ans);
end.
```

k

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$O(kn)$,

n k .