Q5 Longest Palindromic substring Example 1 babad

Example 2 Cbbd

Example3: how to find out anuser?

basic idea: O(n²) expands around each

possible conter to find it

babad length

NA[baba]

NA[baba]

babad 3 -> output

babad 1

Example 4

Q: constract the code loop

null

len = 2,3,4 ··

· |=|,2,3,4

babad len = 5

i= 1

j= 2

i-(j-i)=i-j+i=2i-j=2-2=0

Example 5 charaget i=0

1=01234

i=0 len = ex (5,0,0) odd length

len 2 = ex(s,0,1) (even longth

len = Max ((en1,2) To max @2th

if
$$(len > end - start + 1)$$
 fielt
 $start = i - (len - 1)/2 2/2 = 1$
 $end = i + len/2 3/2 = 1$
 $s. substrive$
 $return start, end + 1 3 tress$
 $ex function 1 correction 1 correction$

Example 7 even