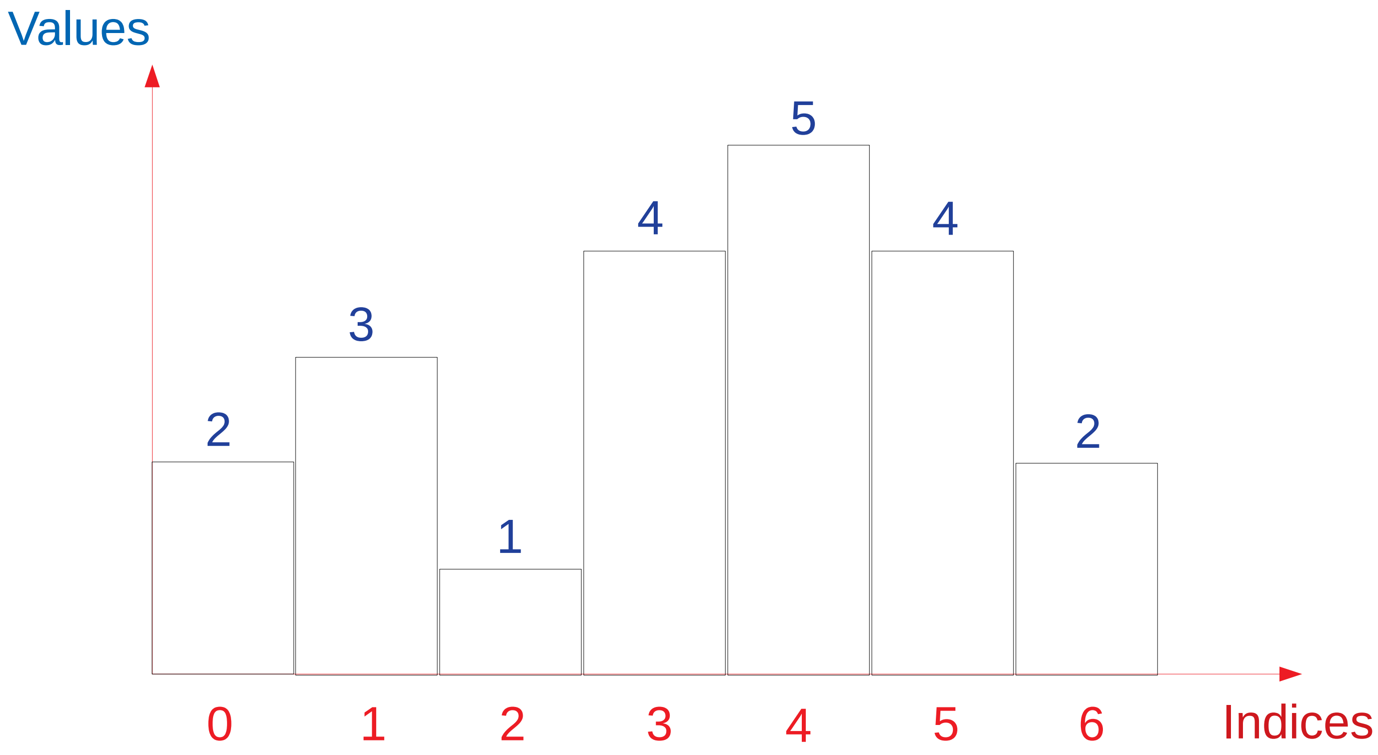
hist



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def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
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    i = 0
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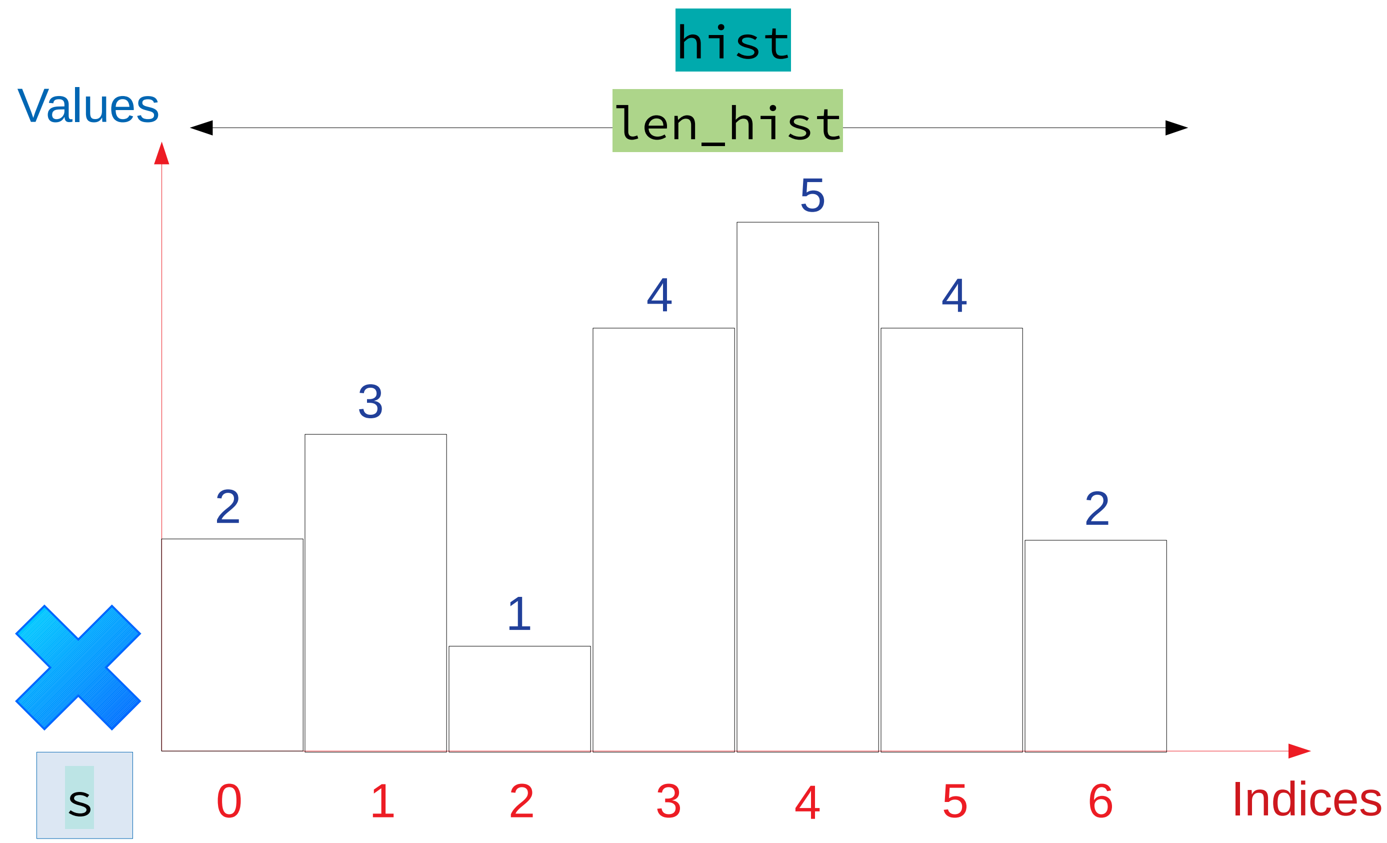

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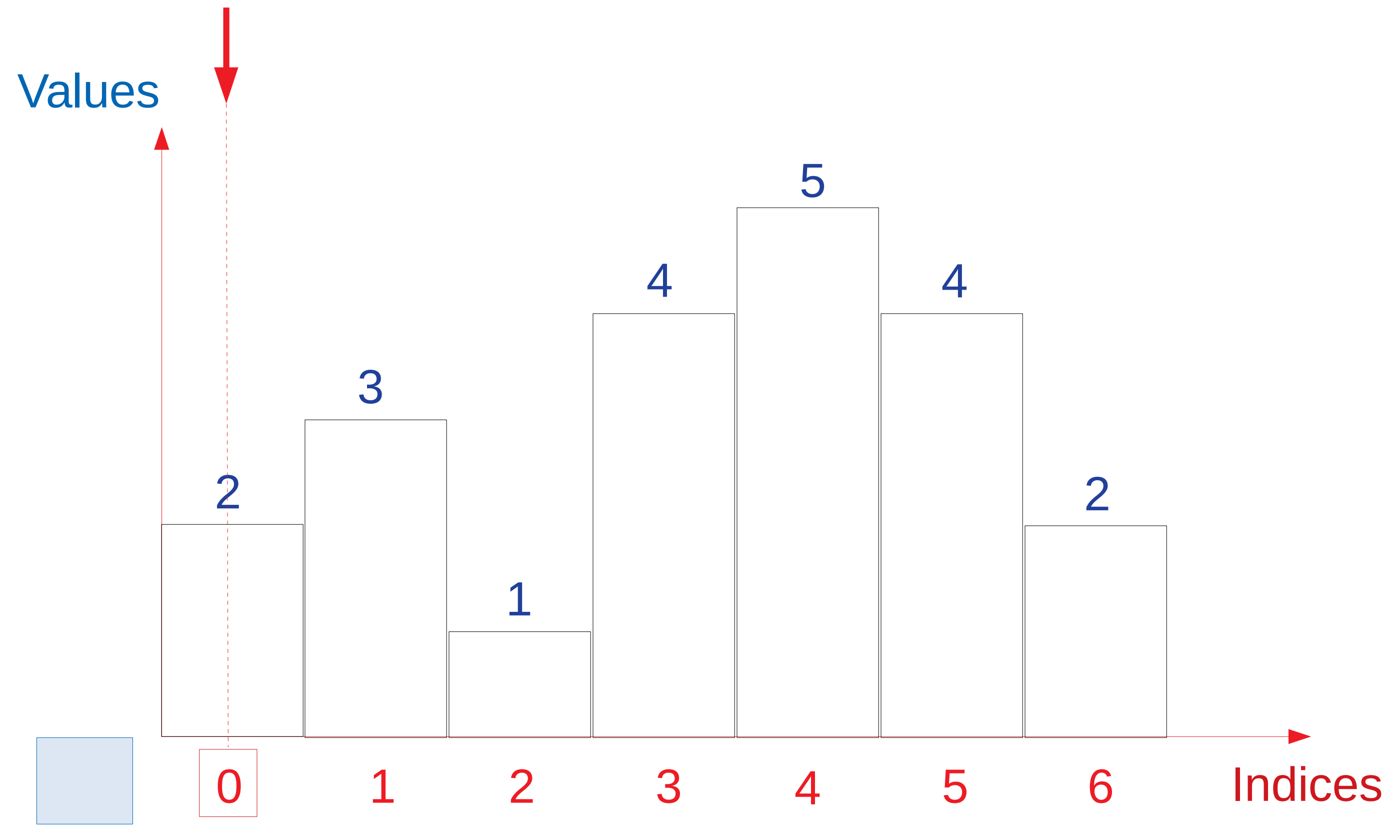

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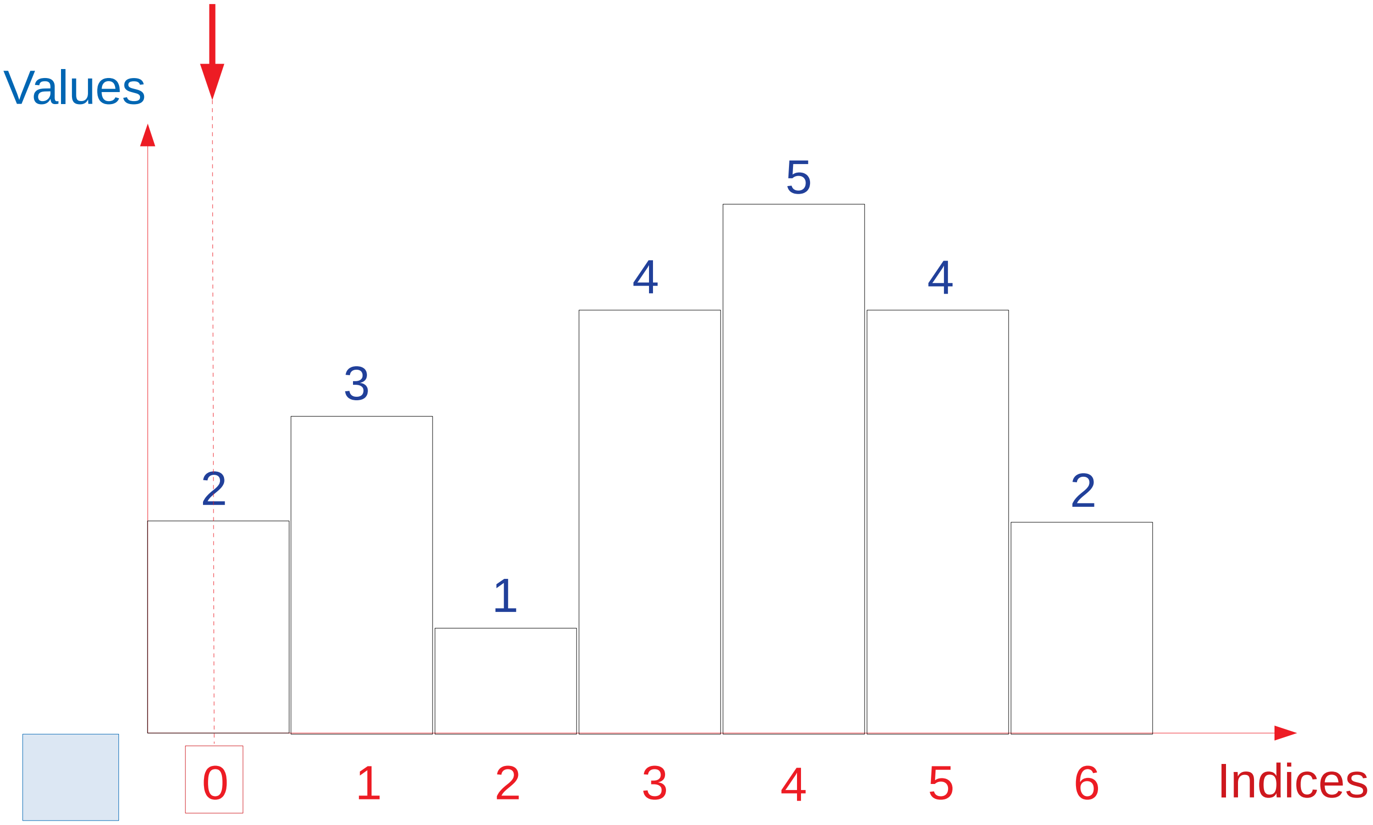

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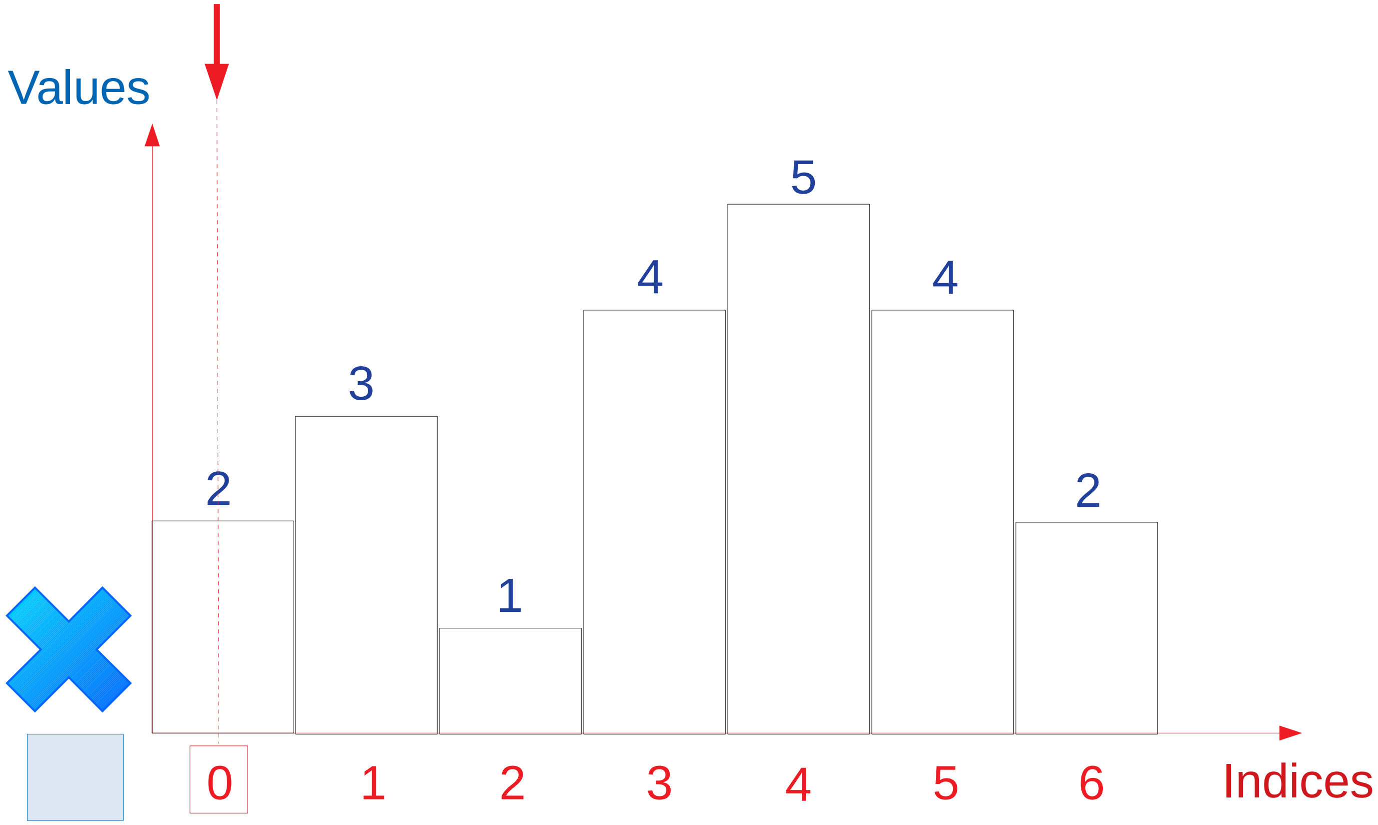

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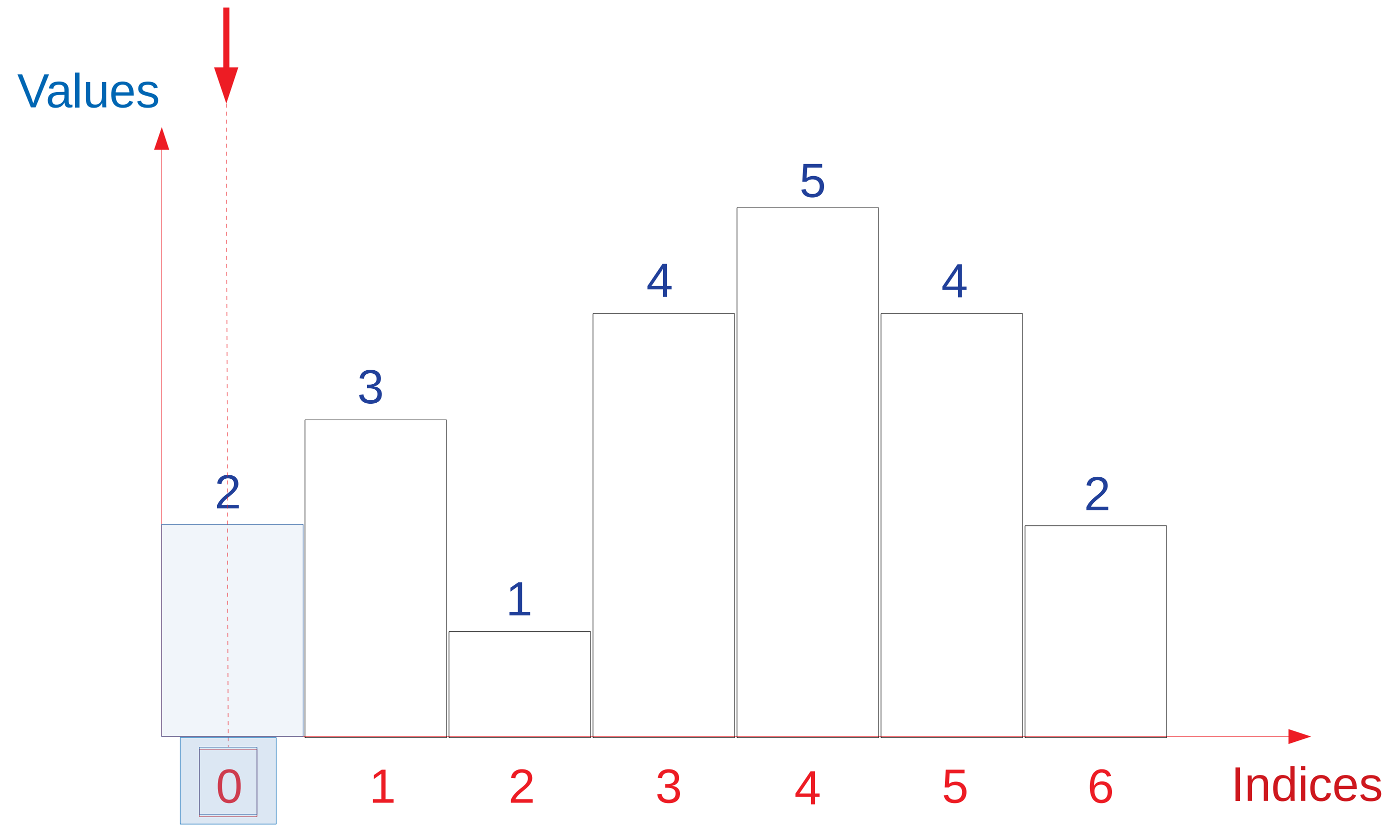

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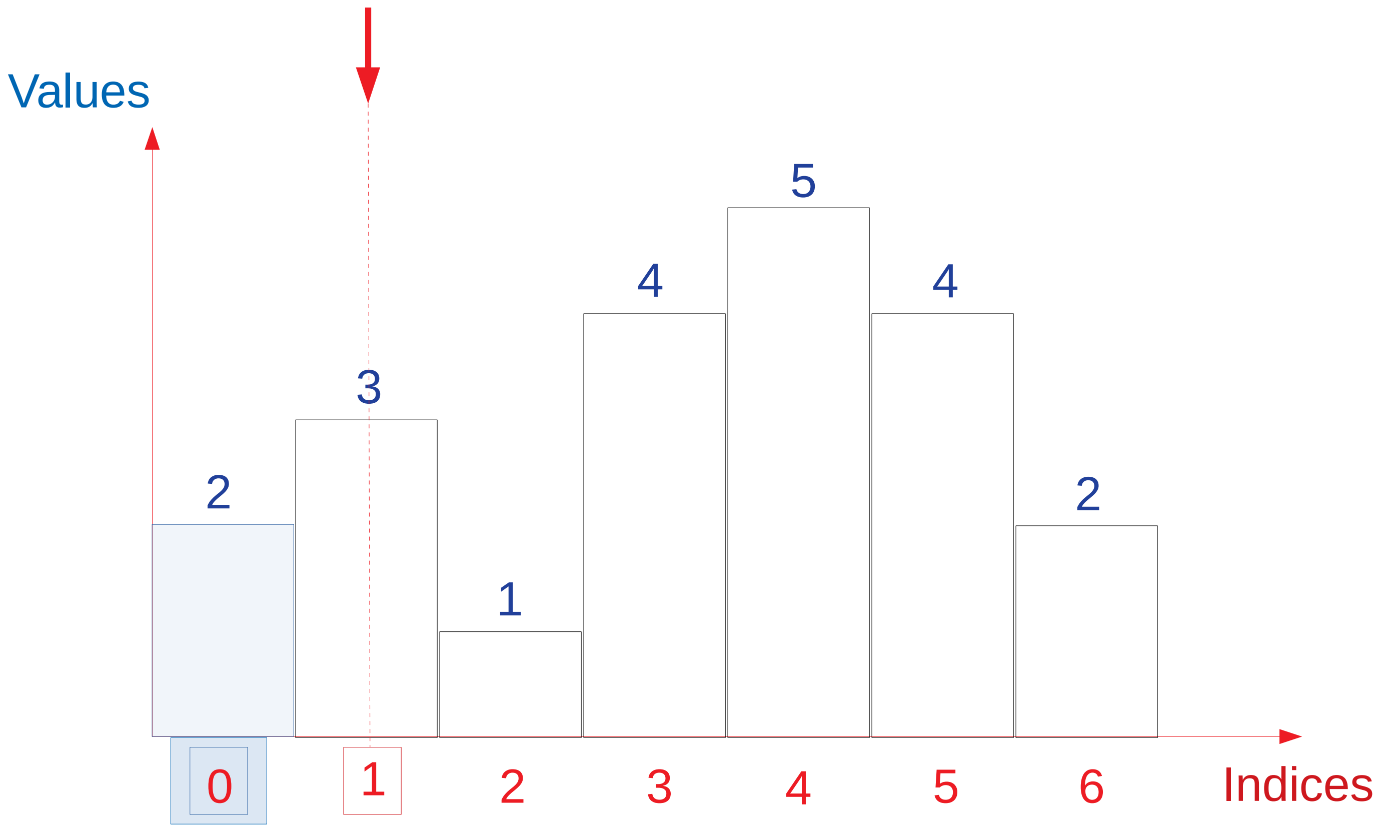

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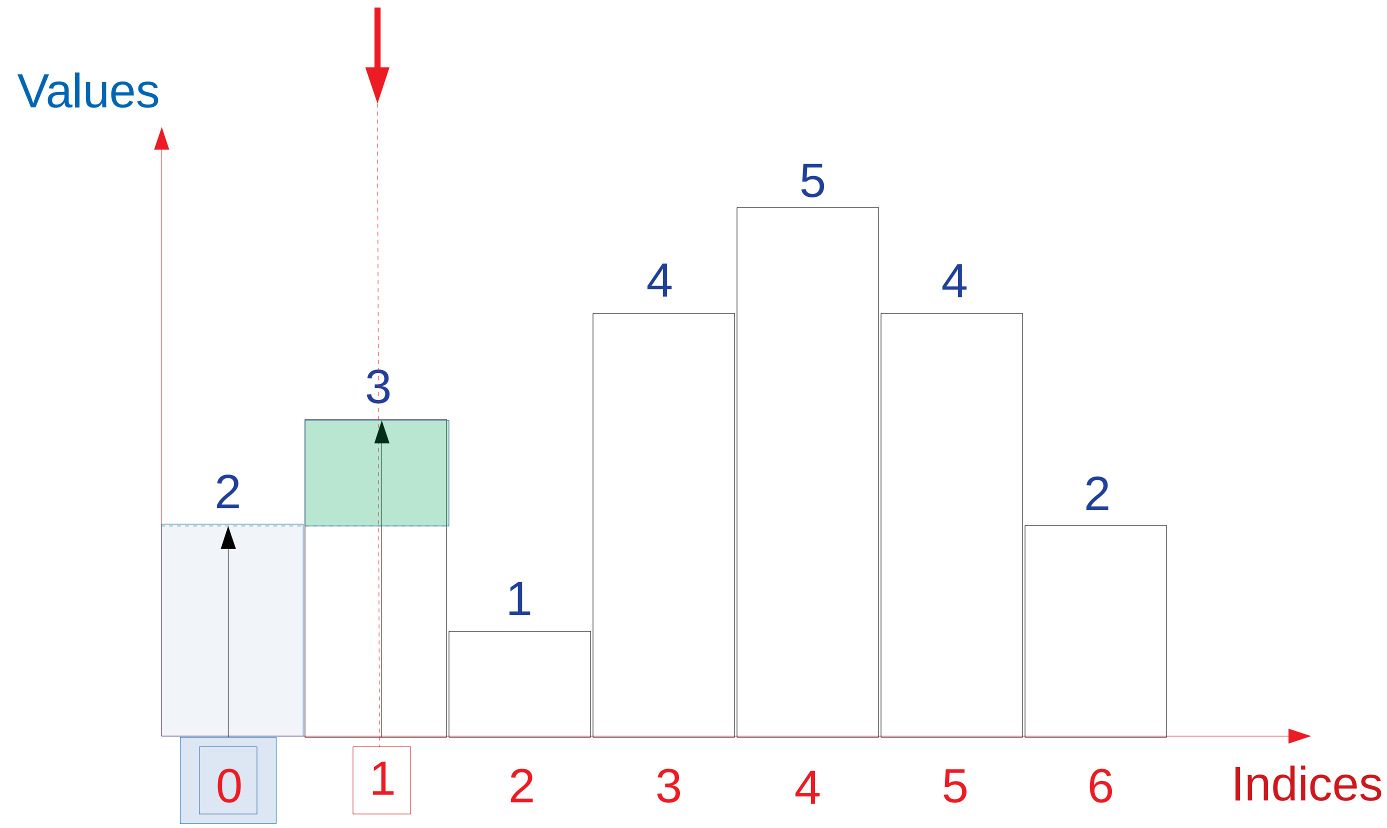

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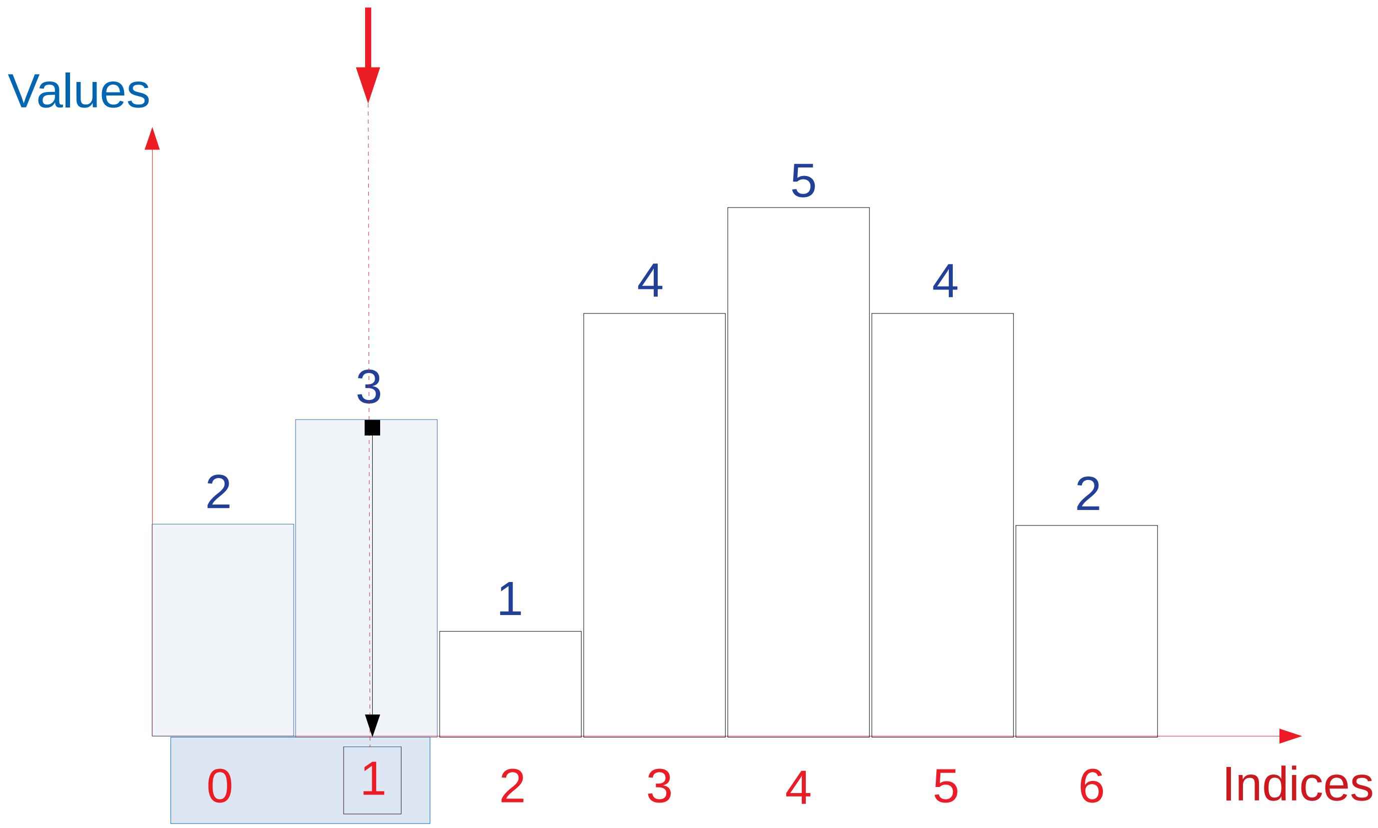

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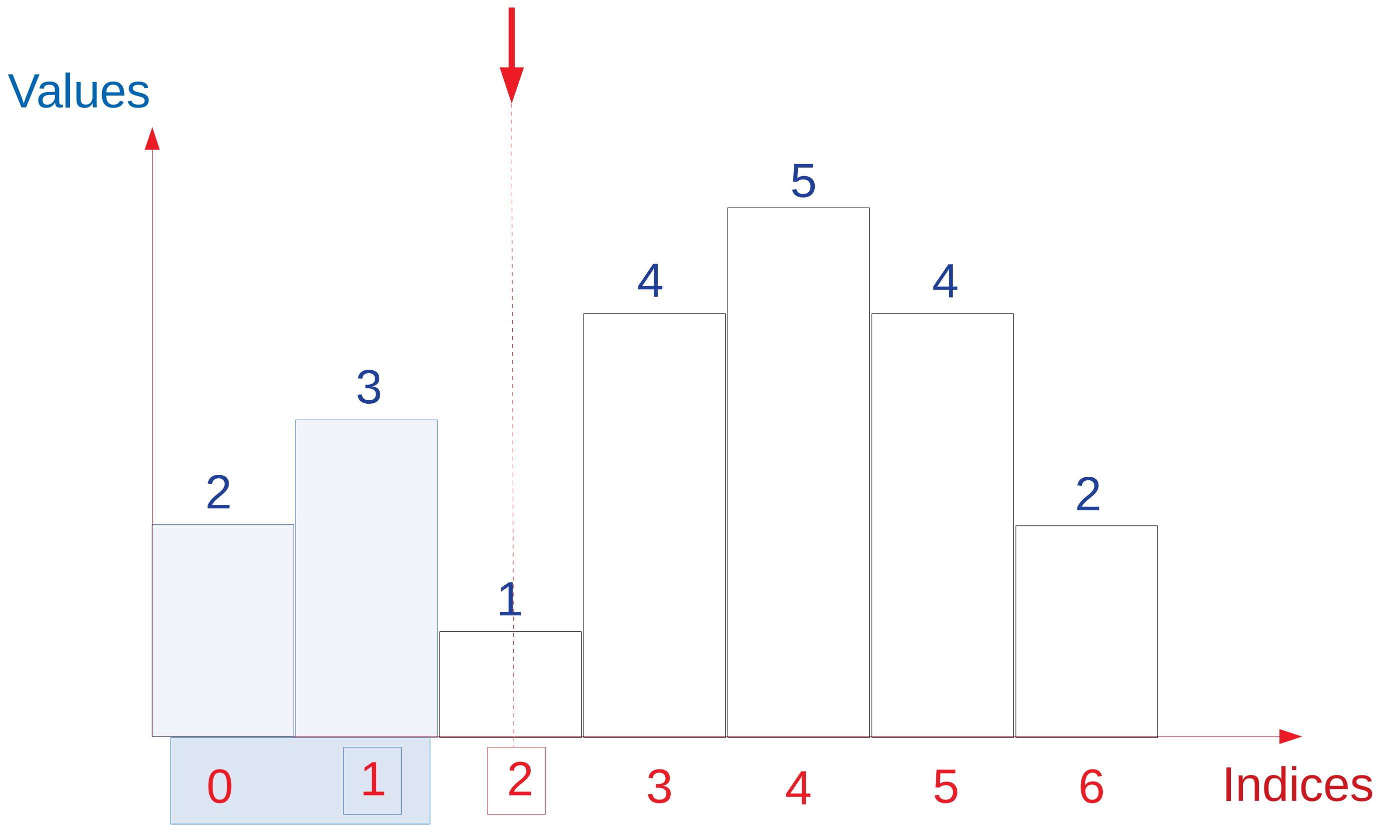

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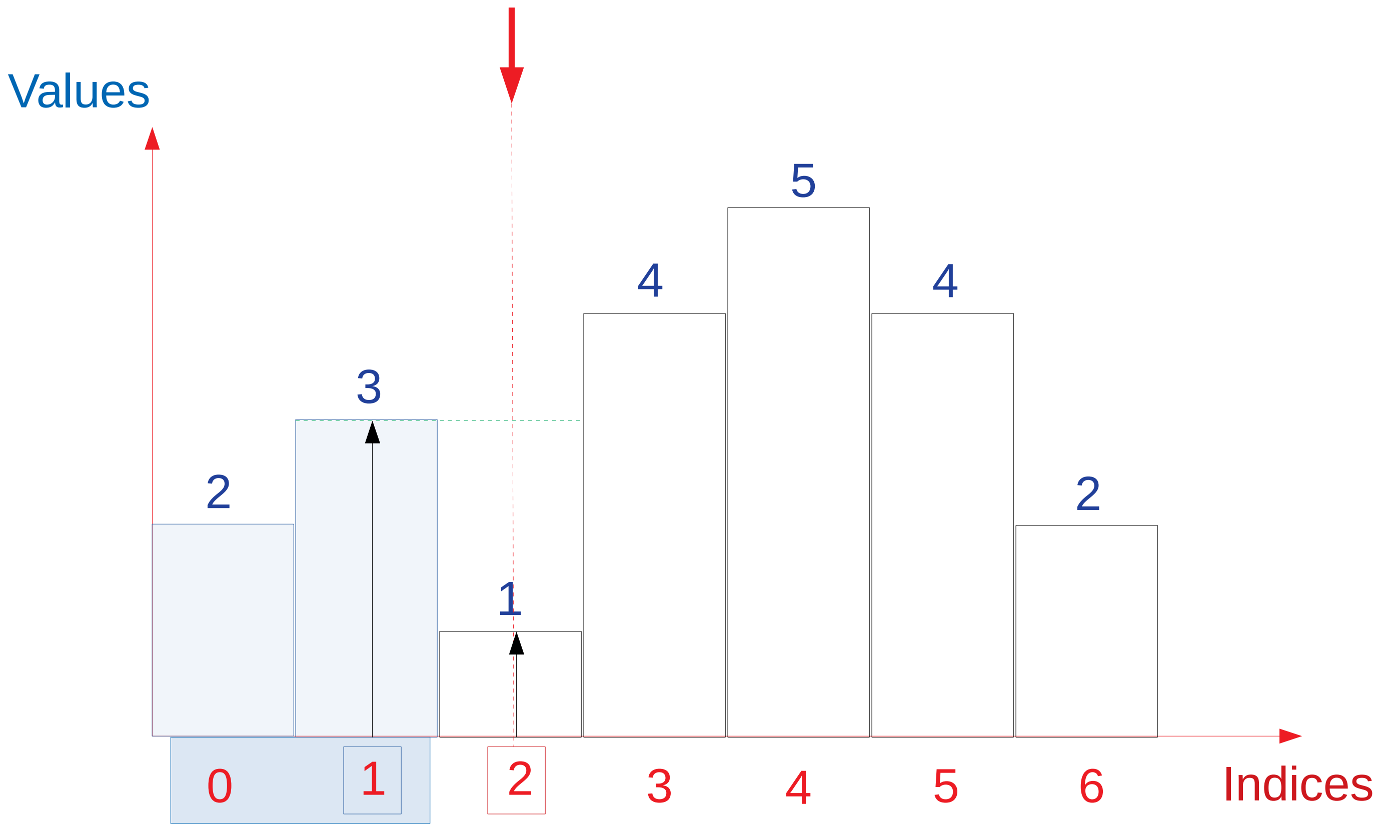

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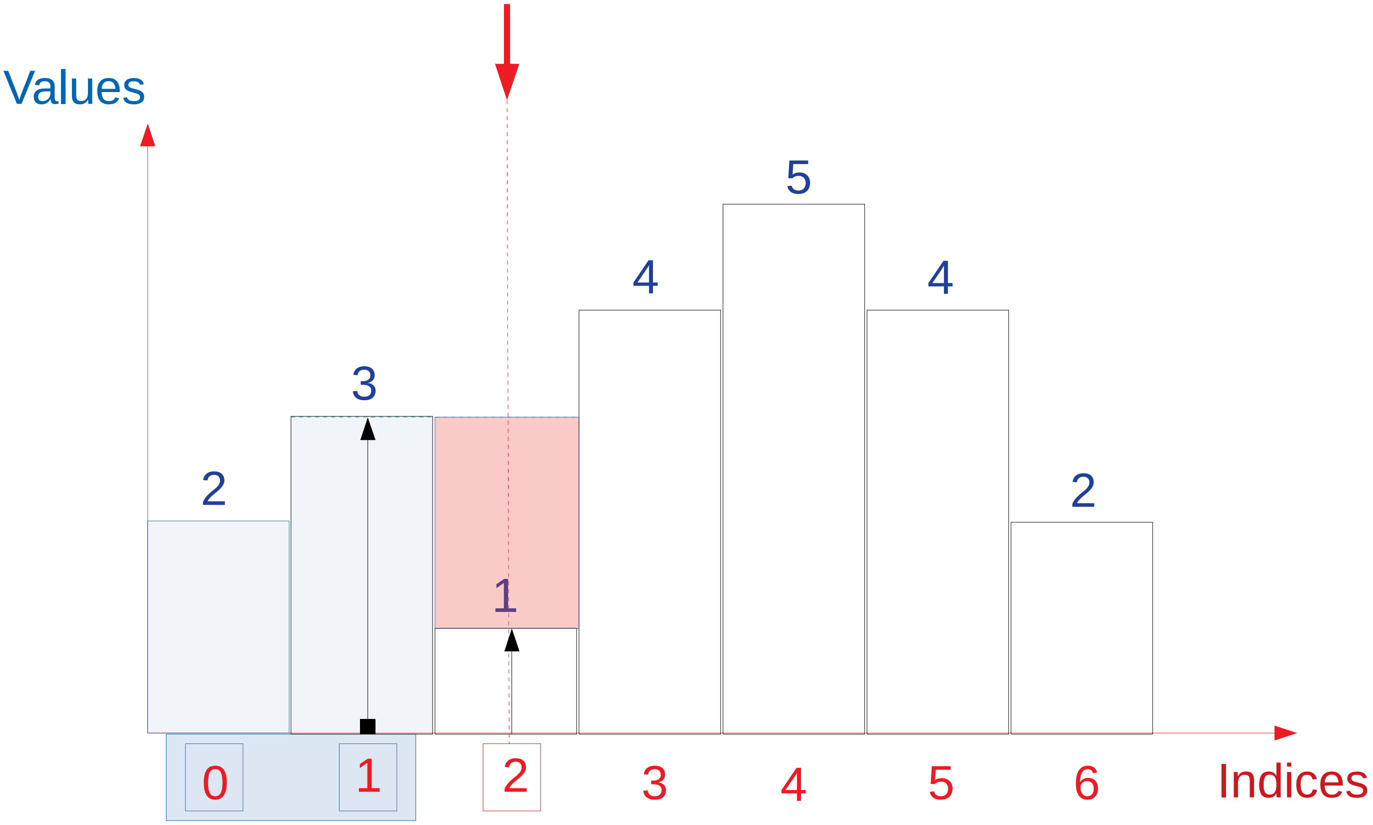

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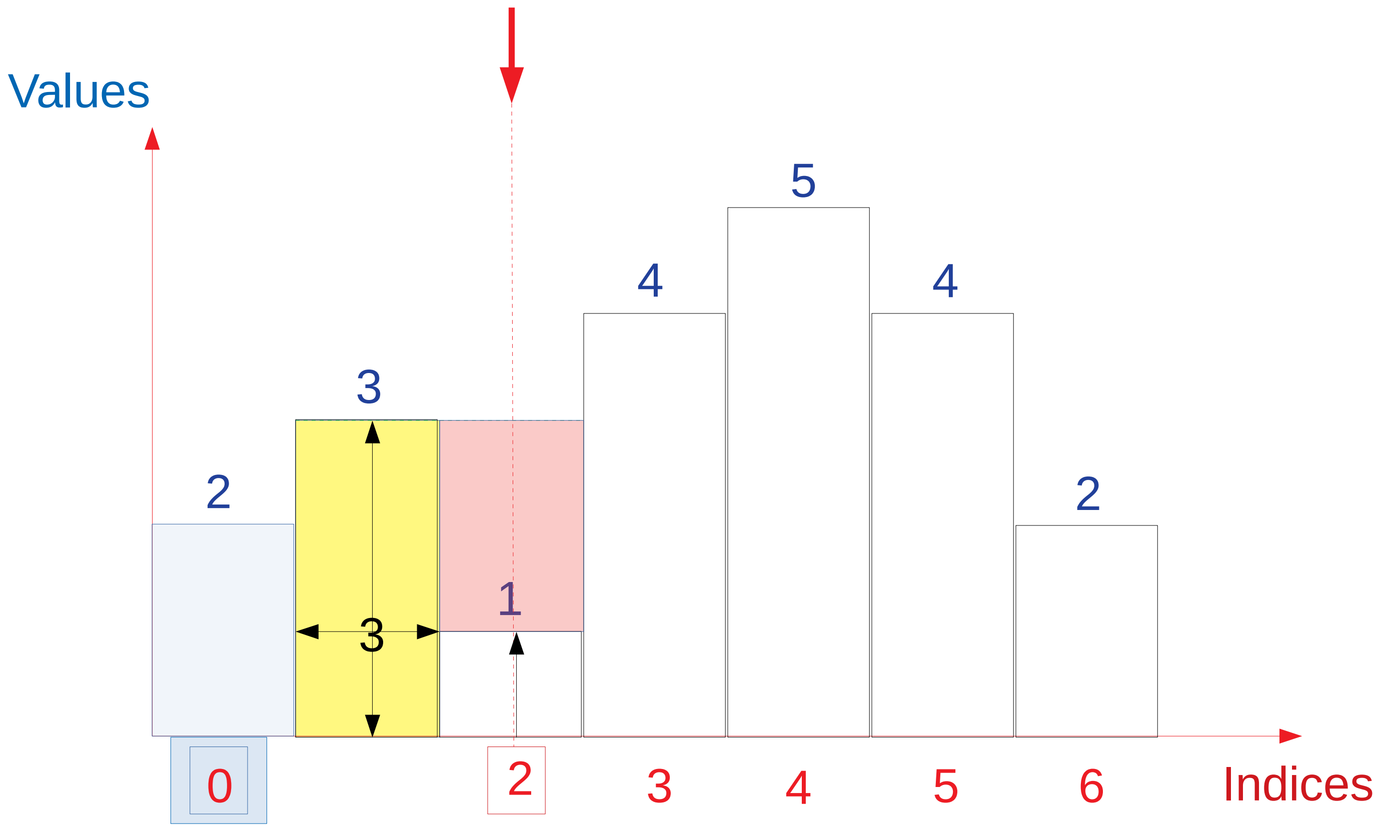

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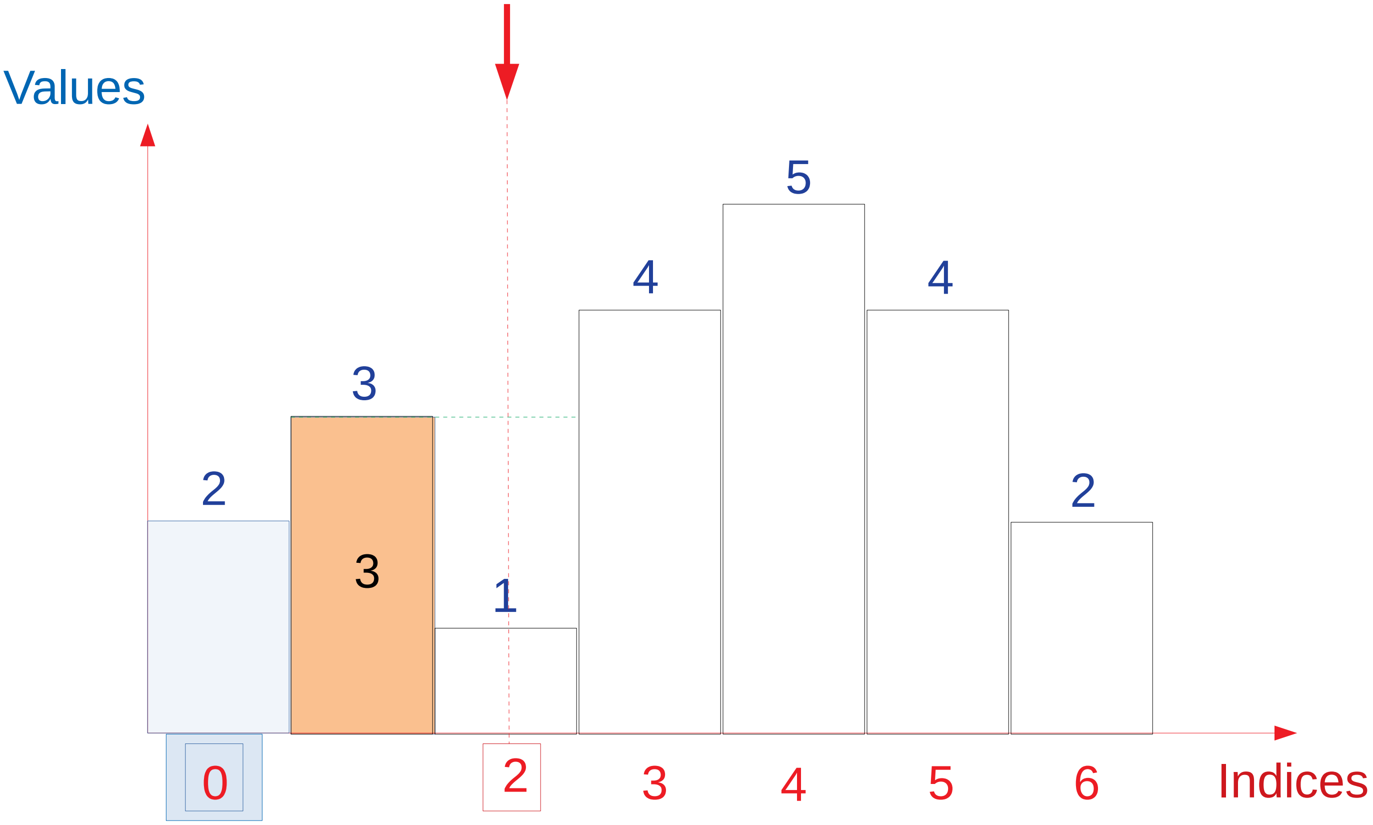
3

(2-1) – 0 = 1



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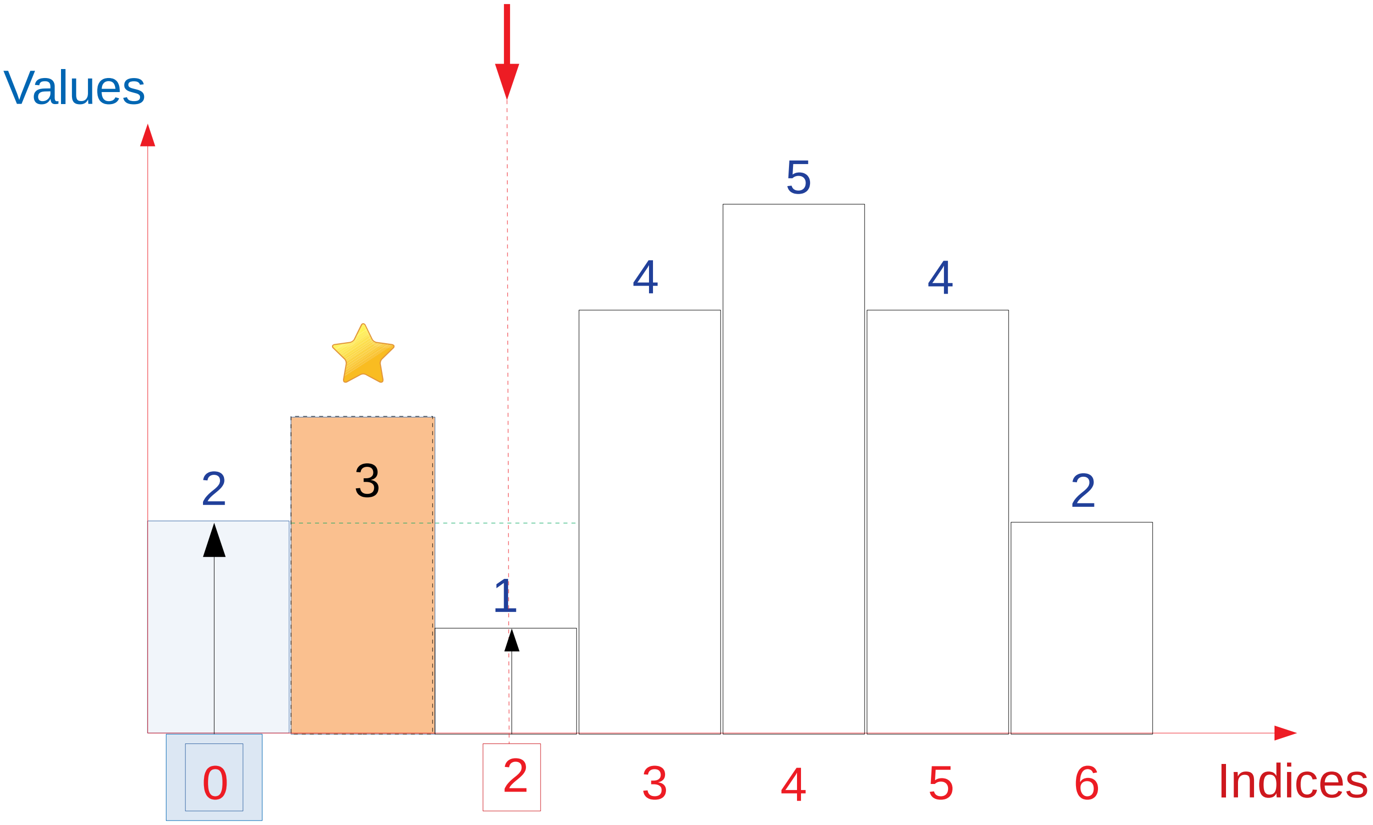

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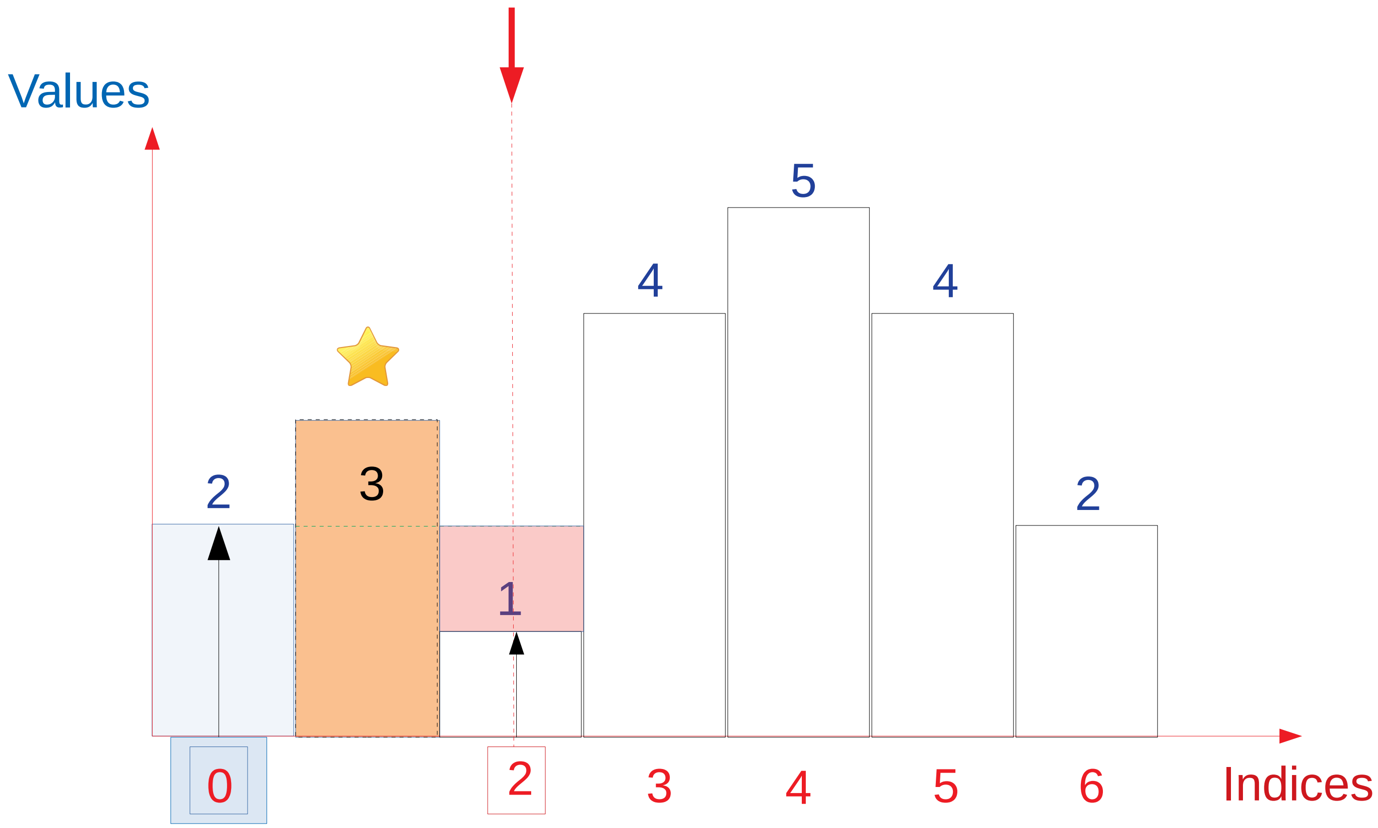

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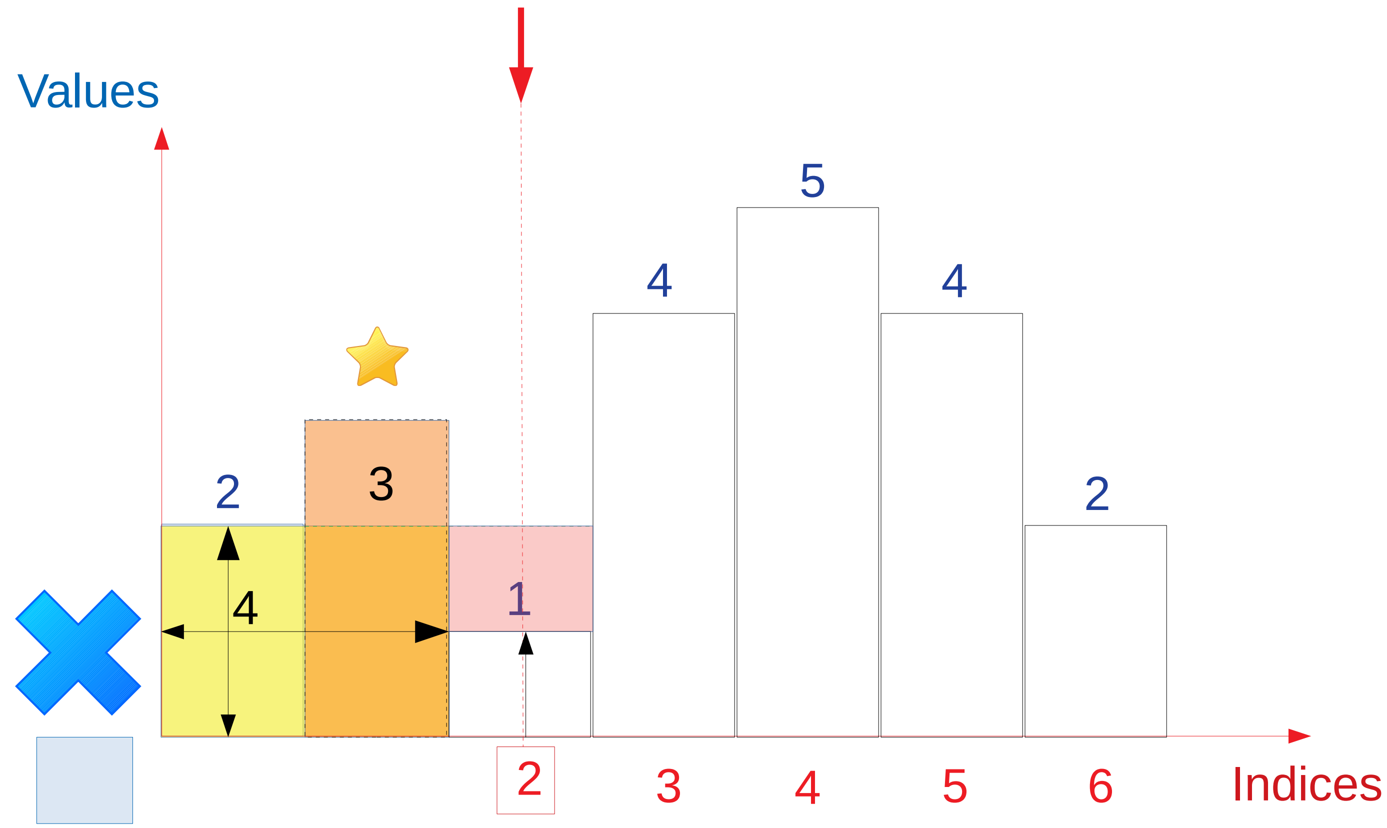

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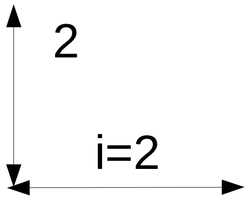

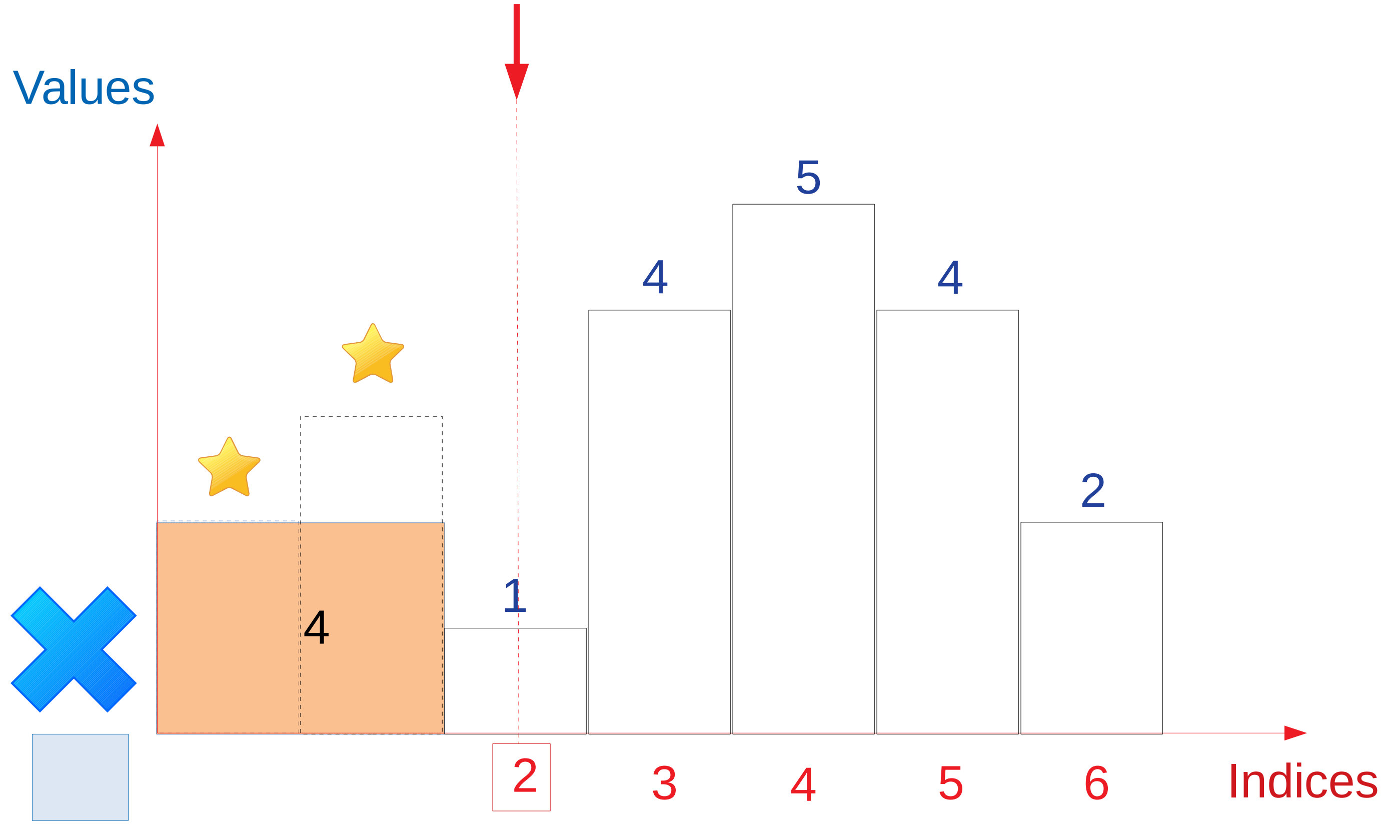

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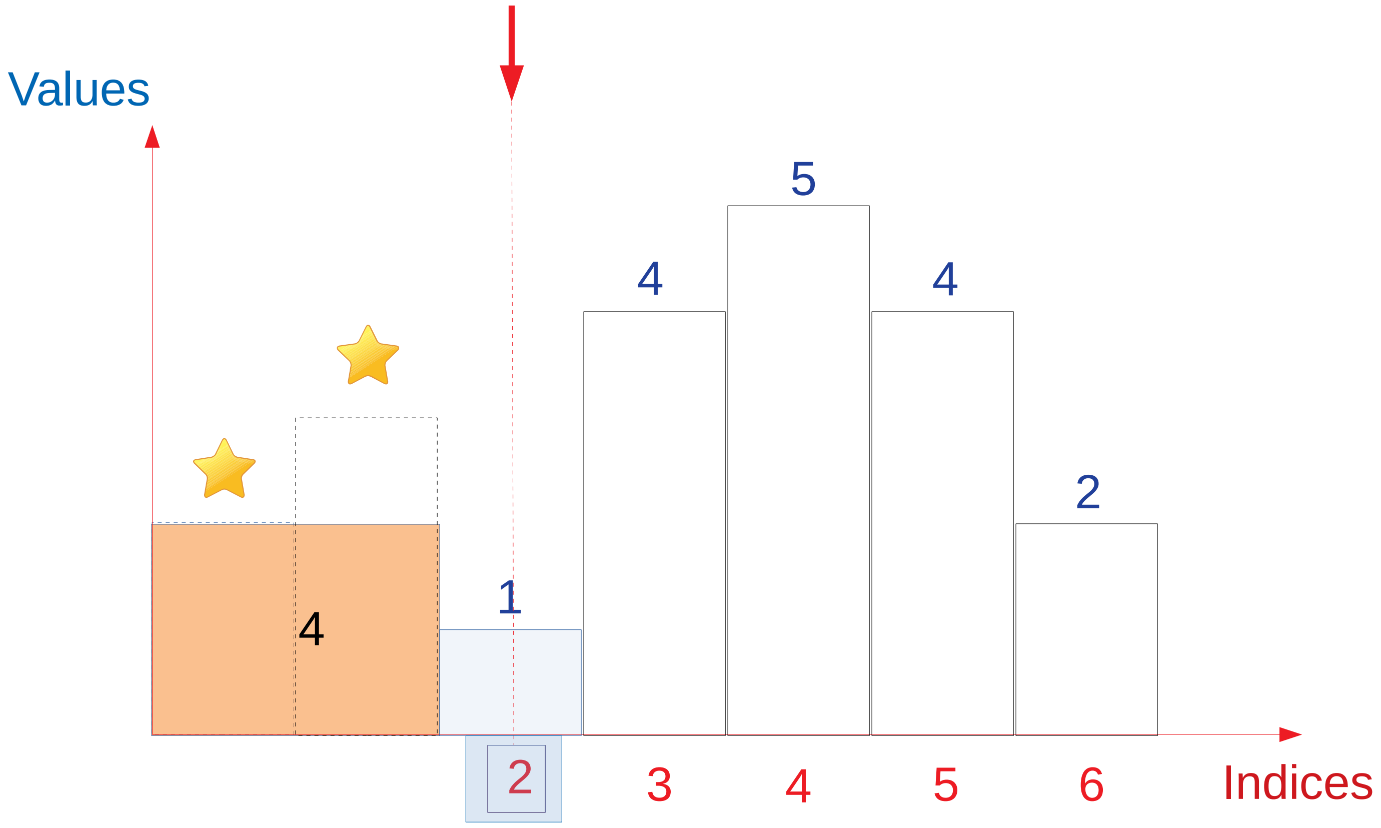

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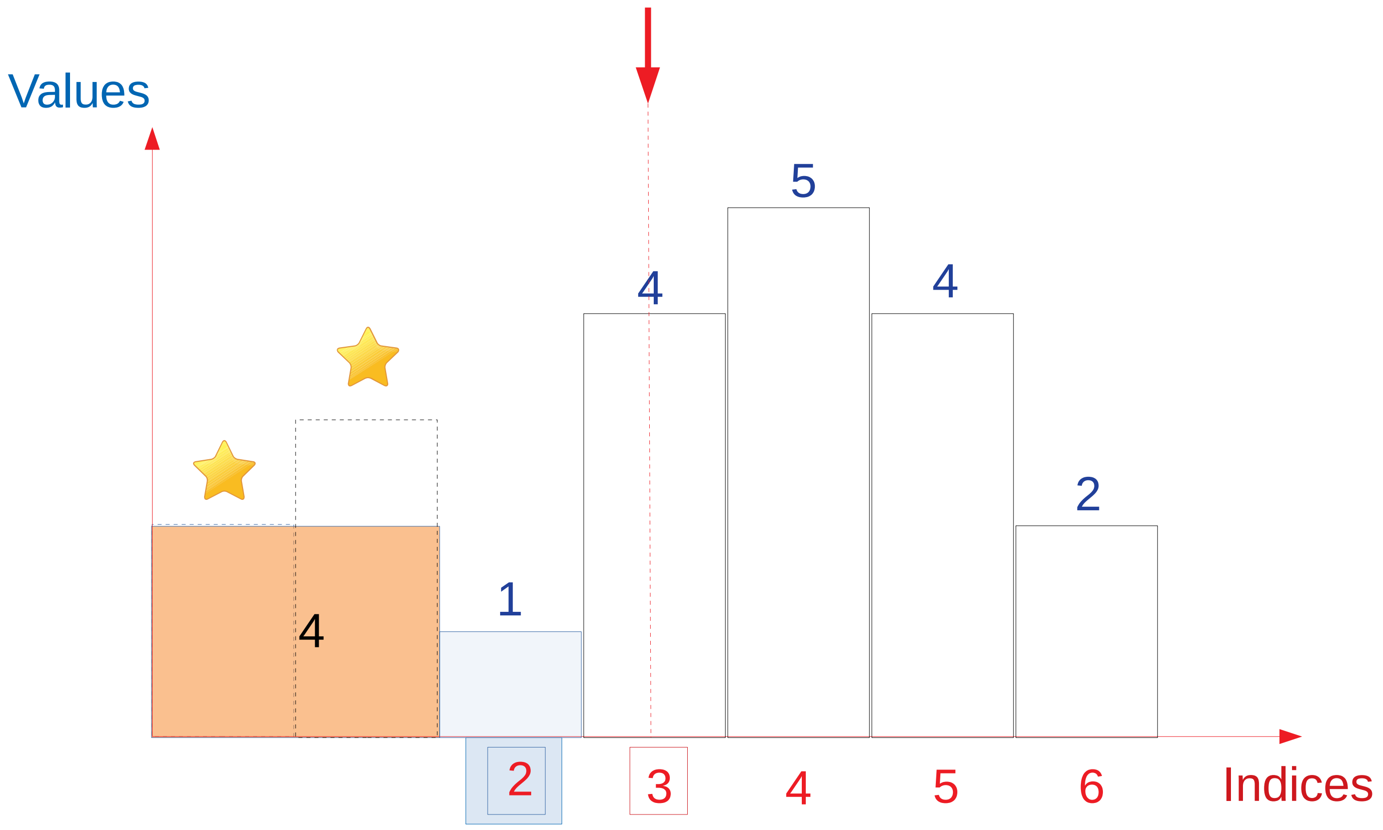

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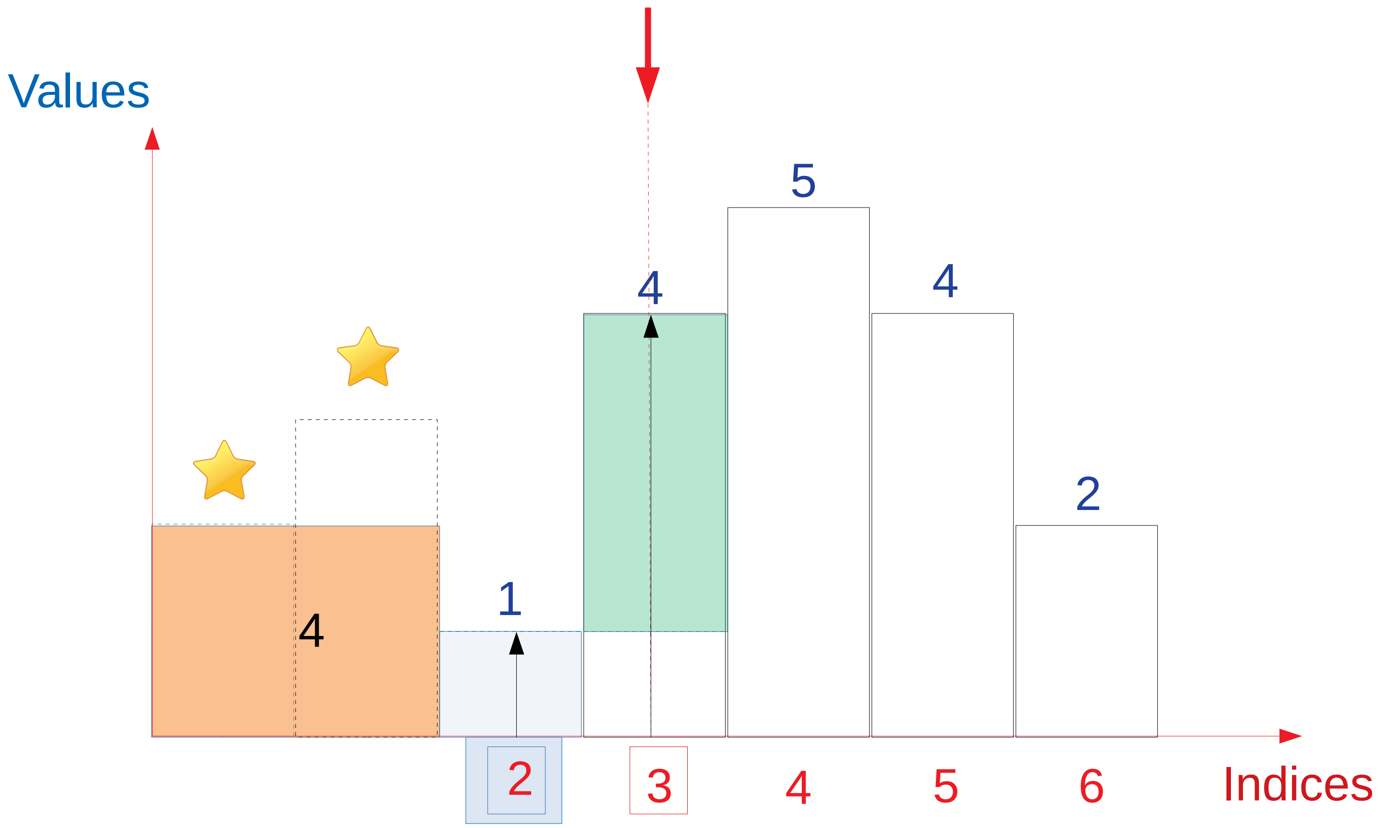

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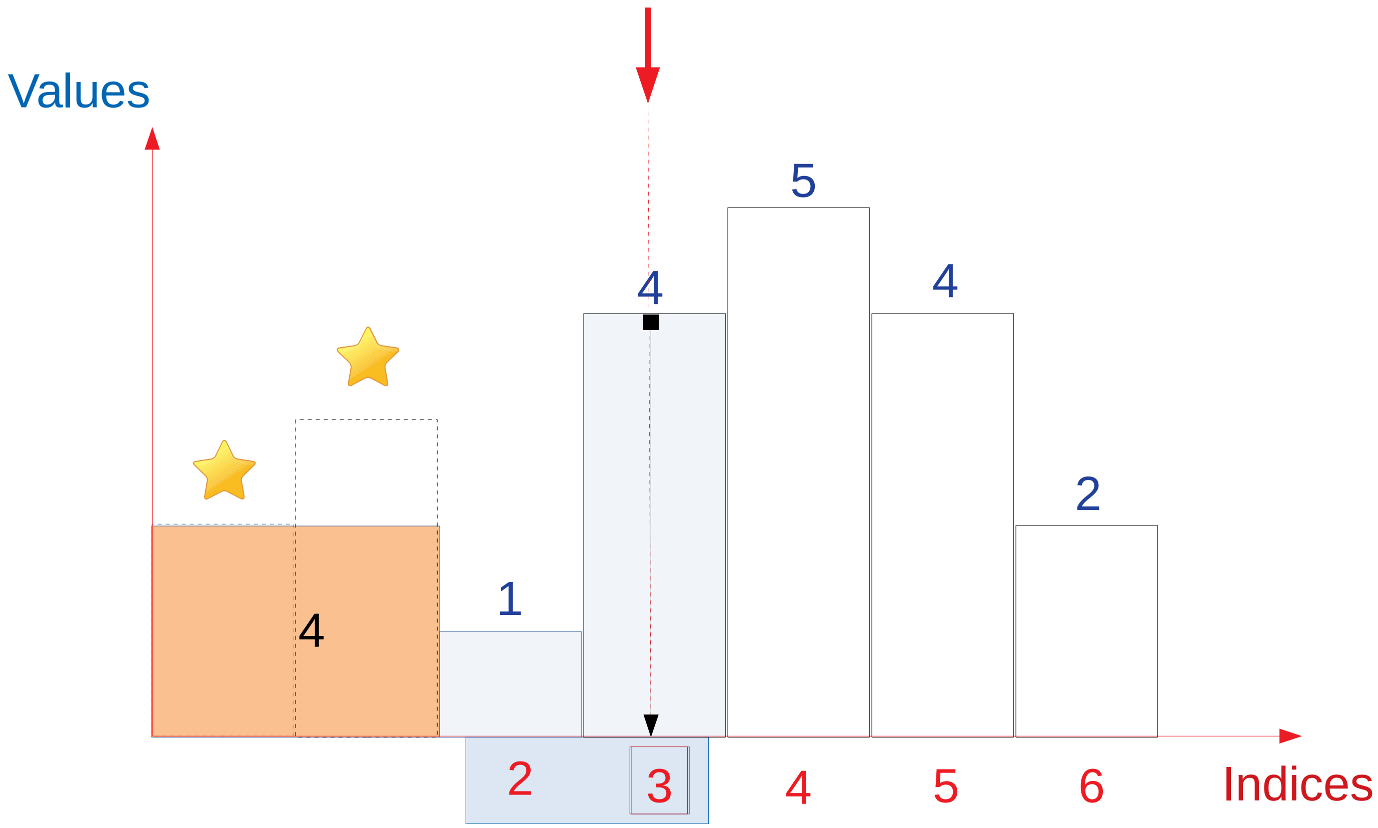

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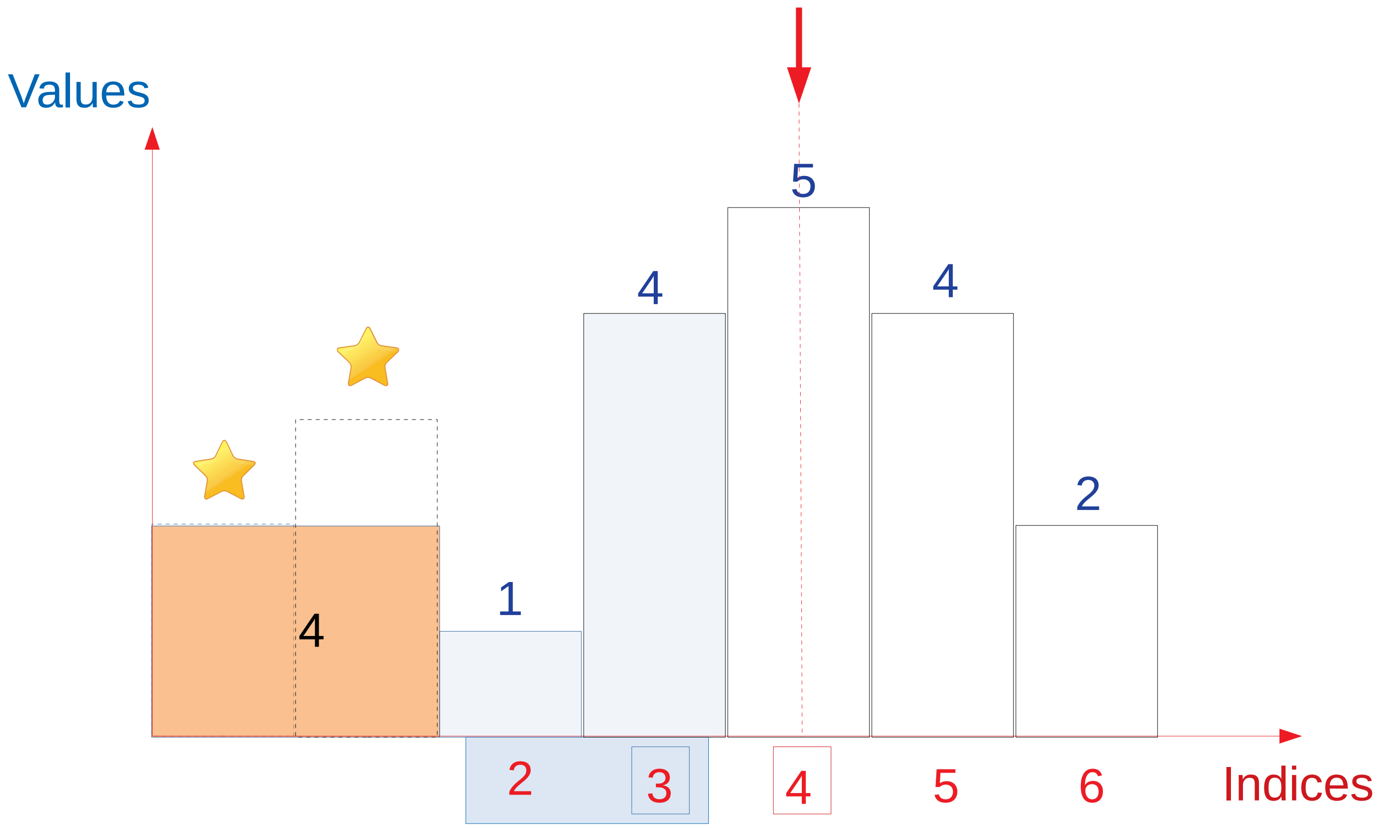

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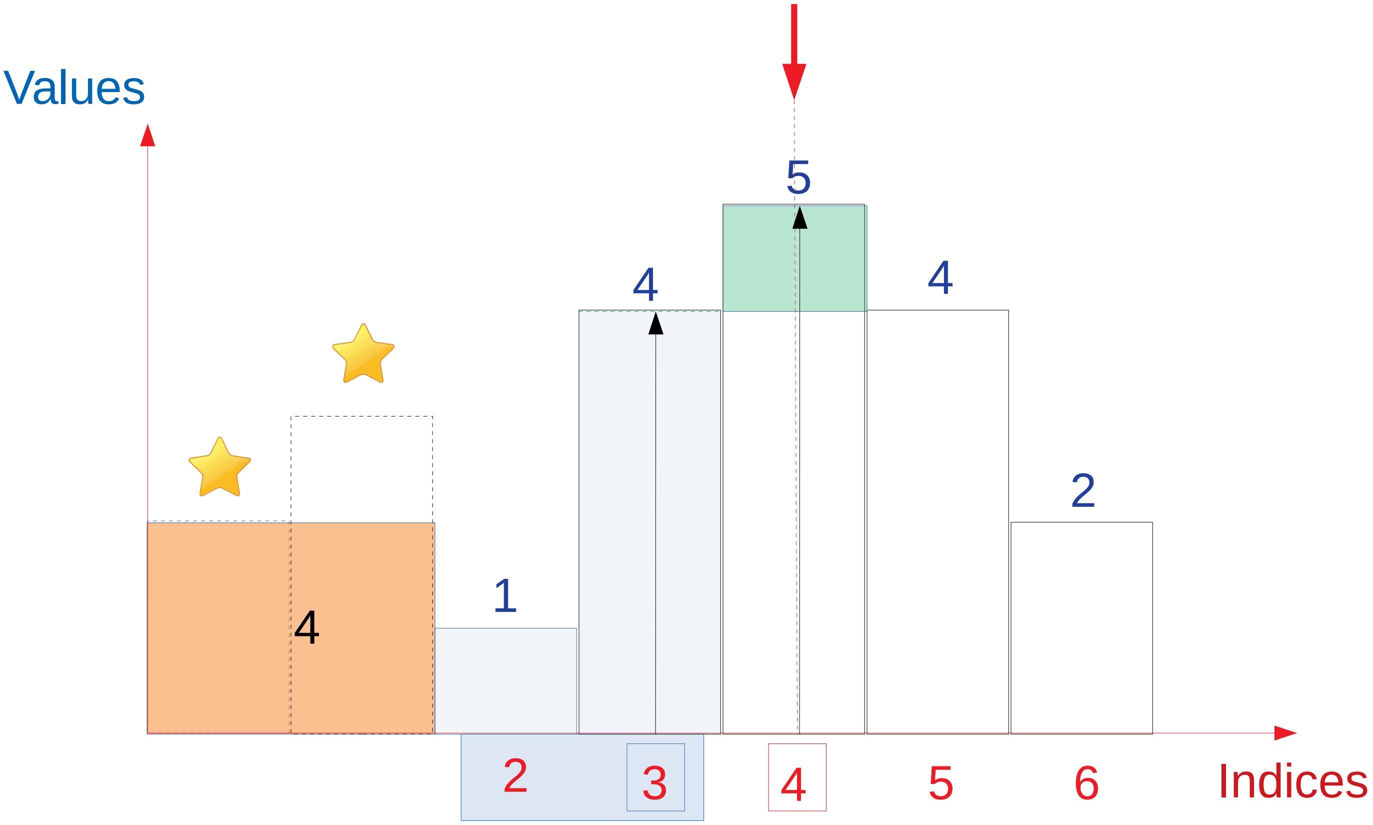

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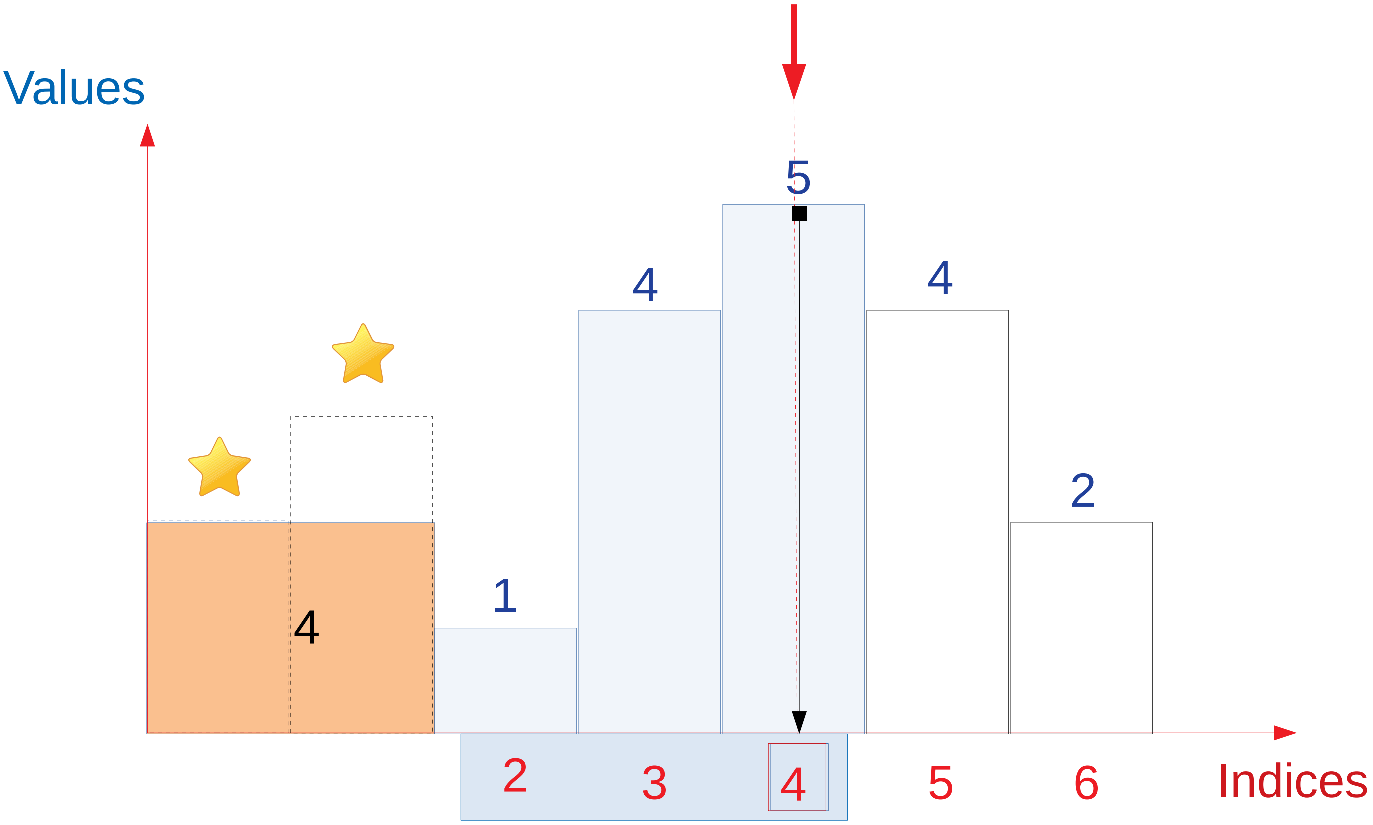

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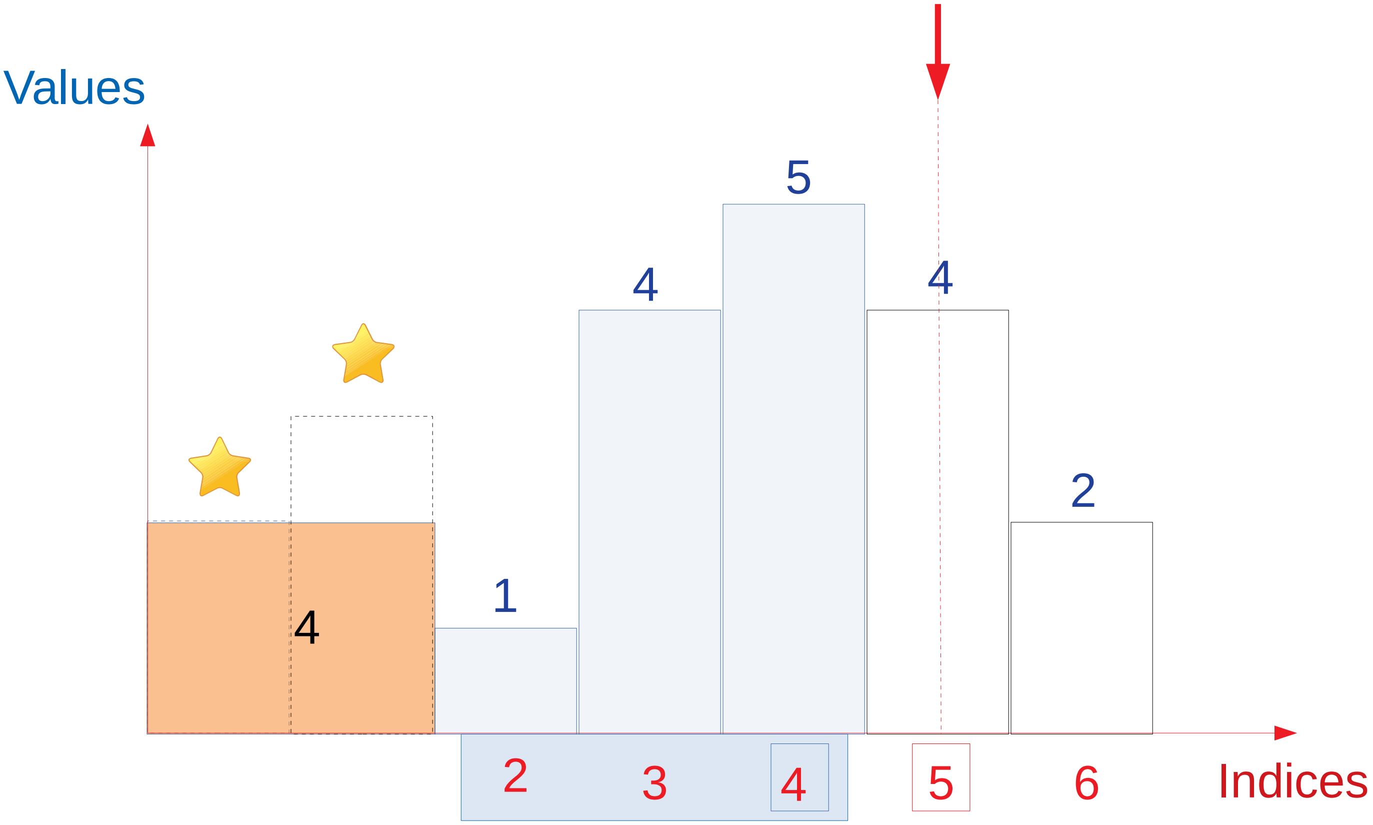

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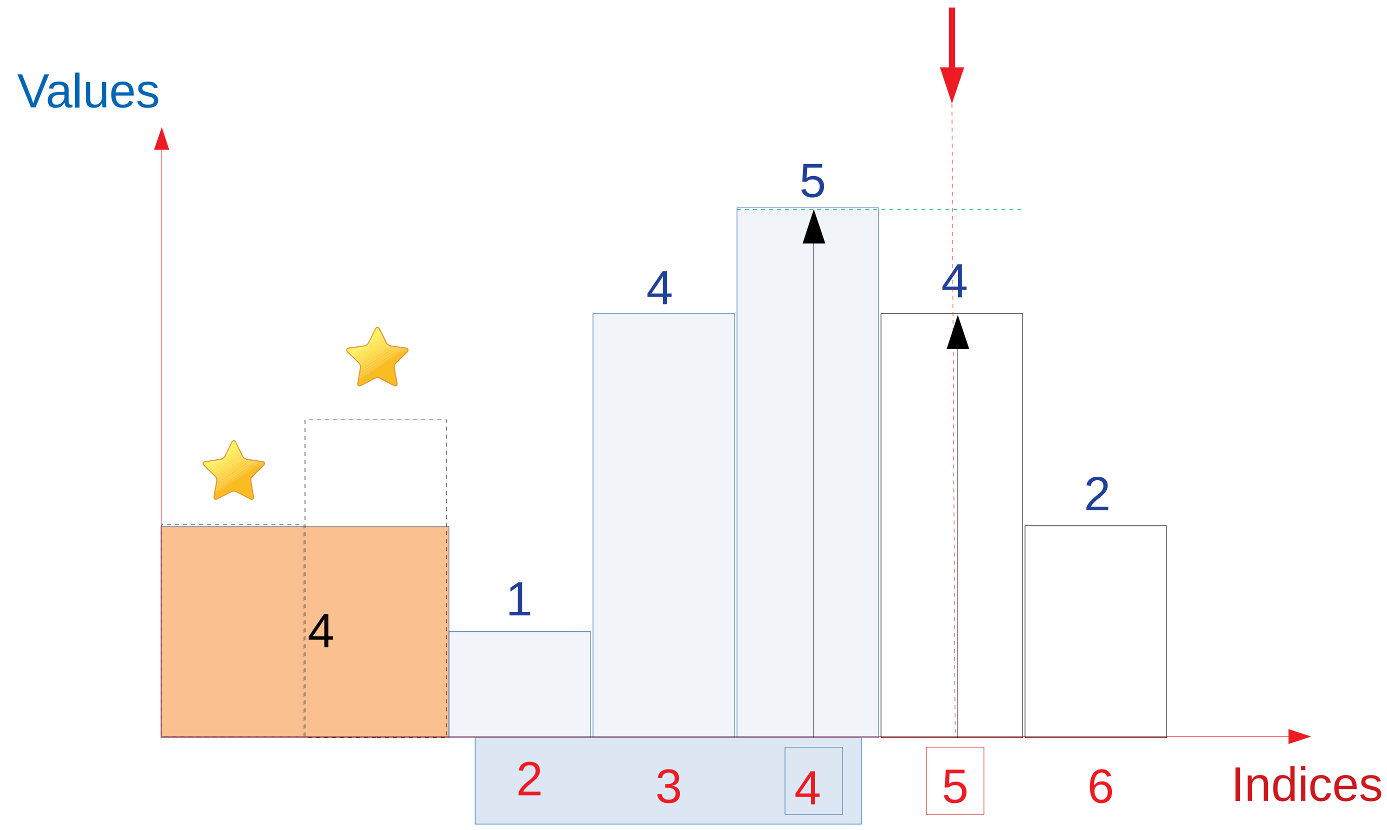
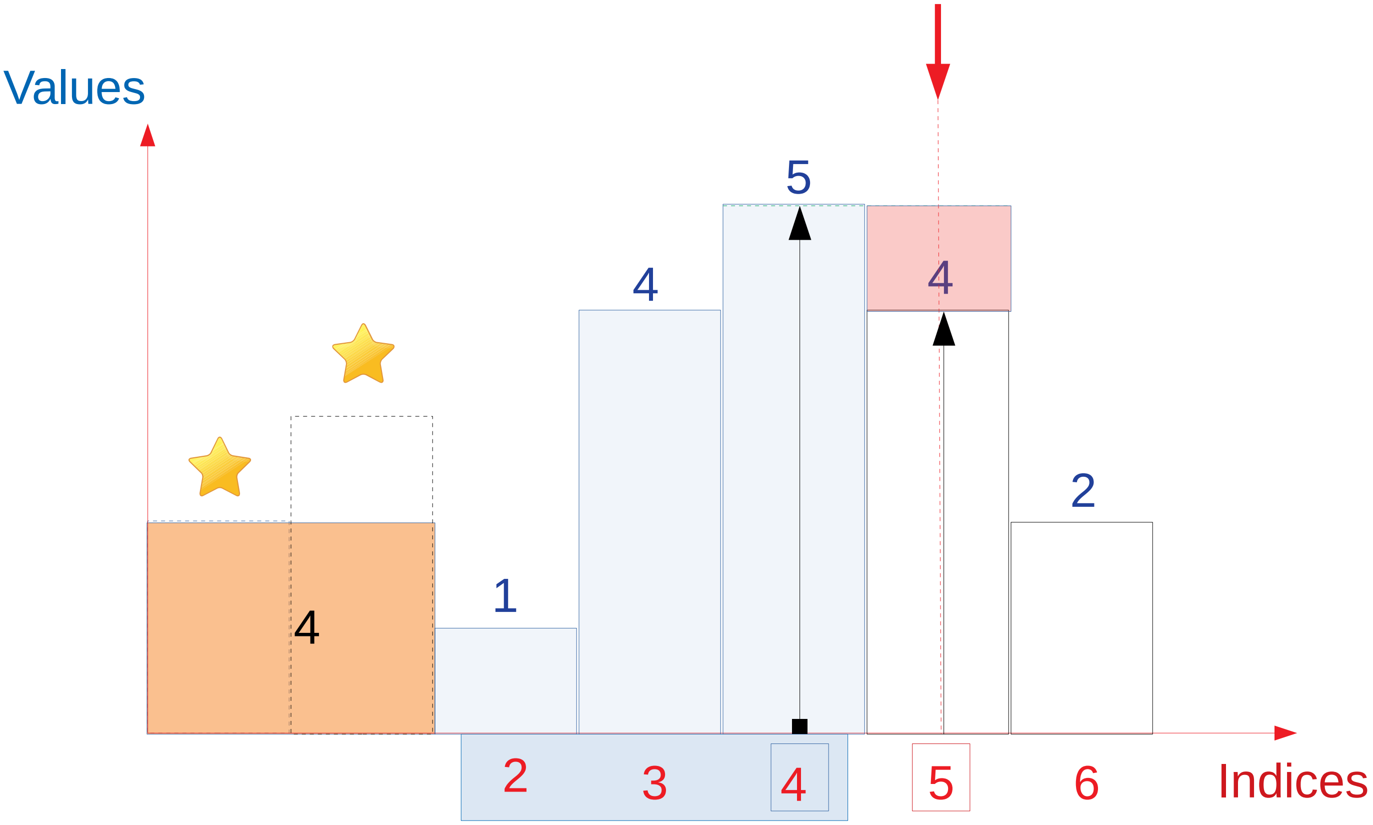
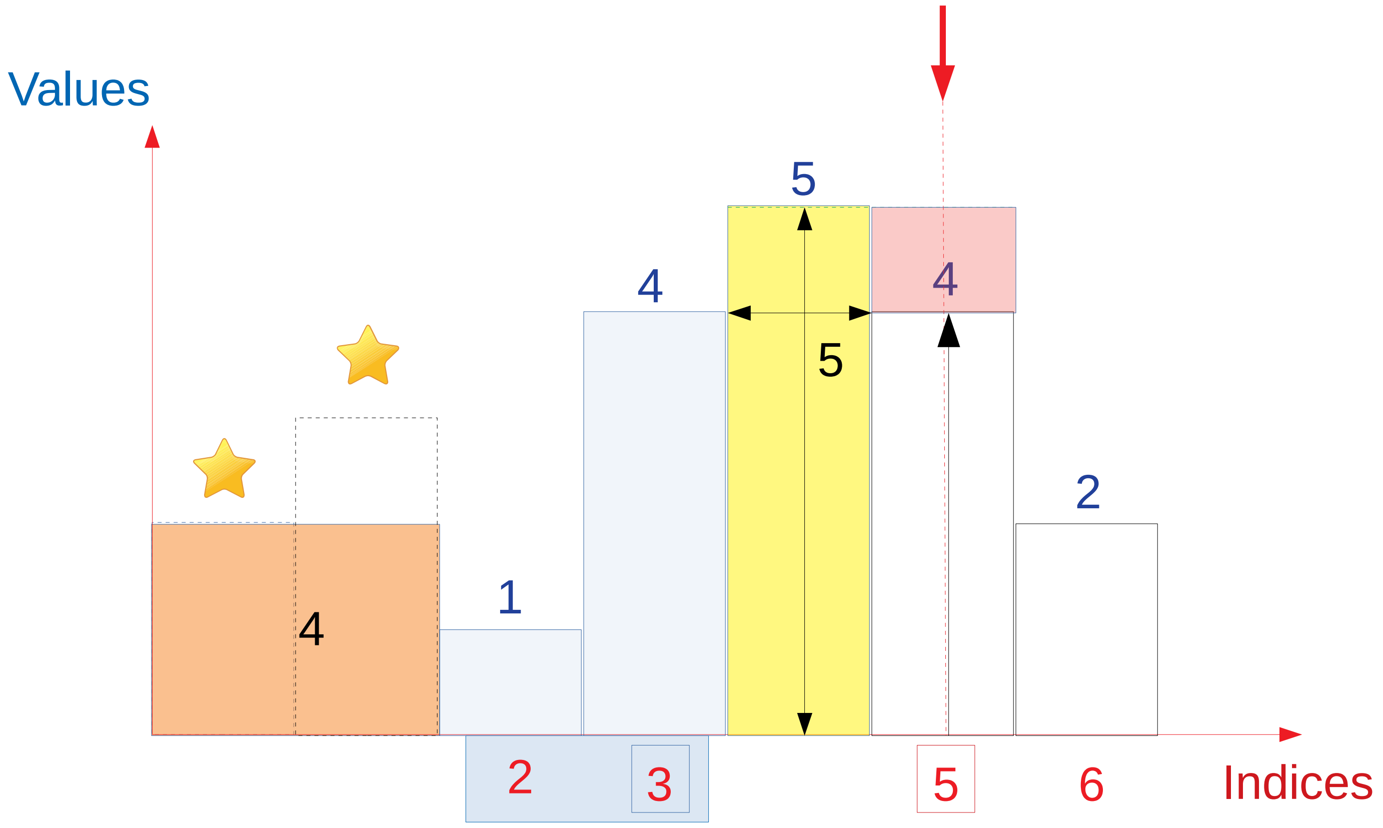
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
    (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                  else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



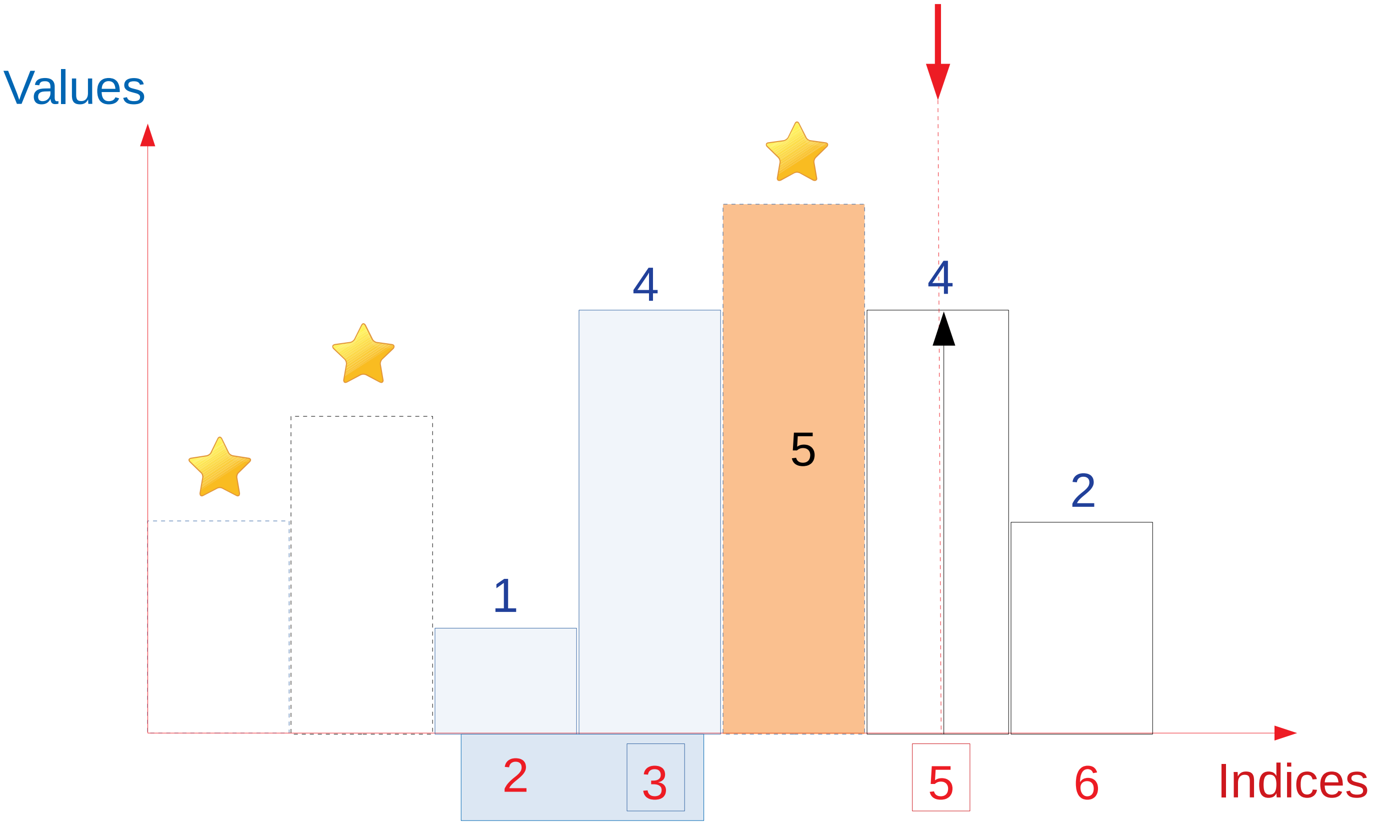
```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                  else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



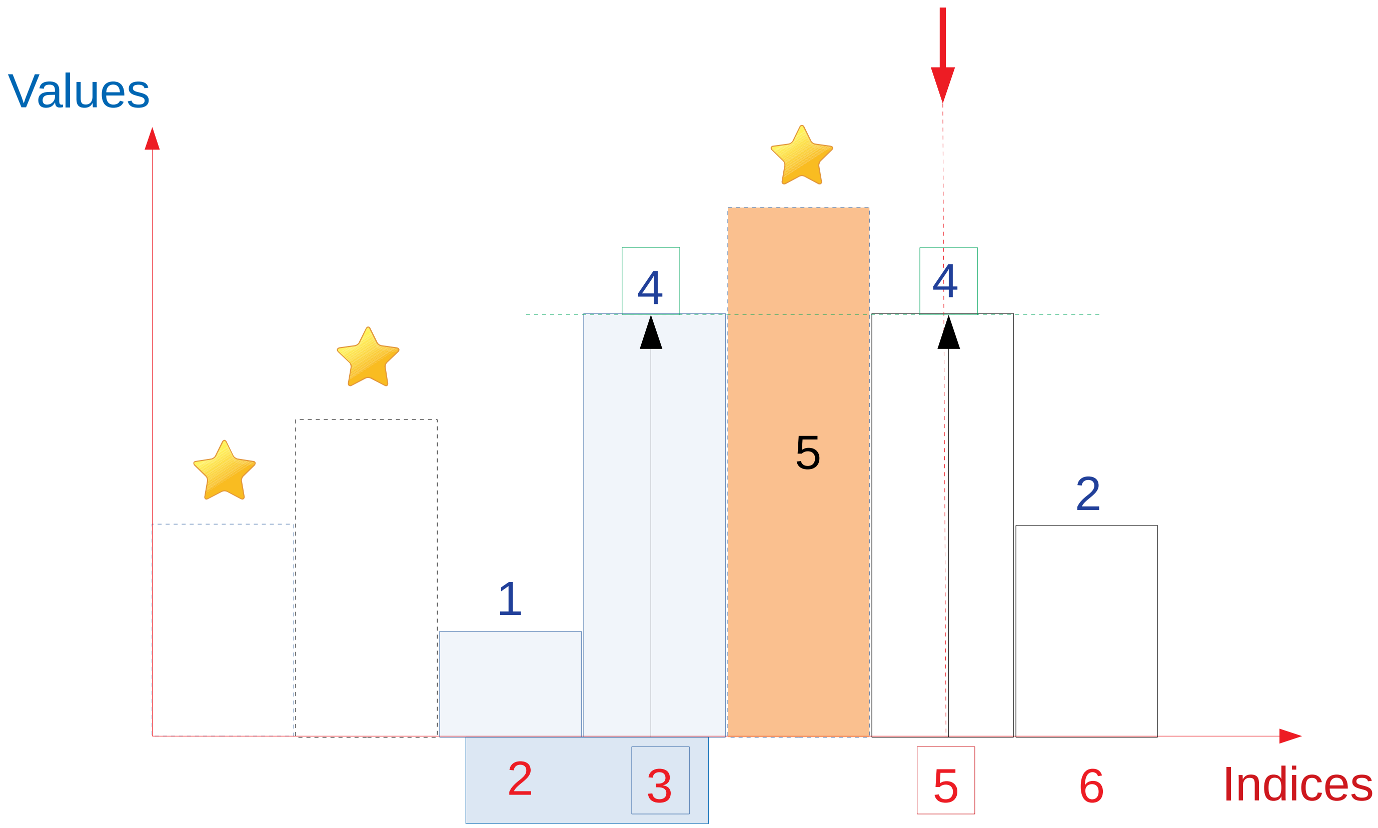
```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
      (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```

5

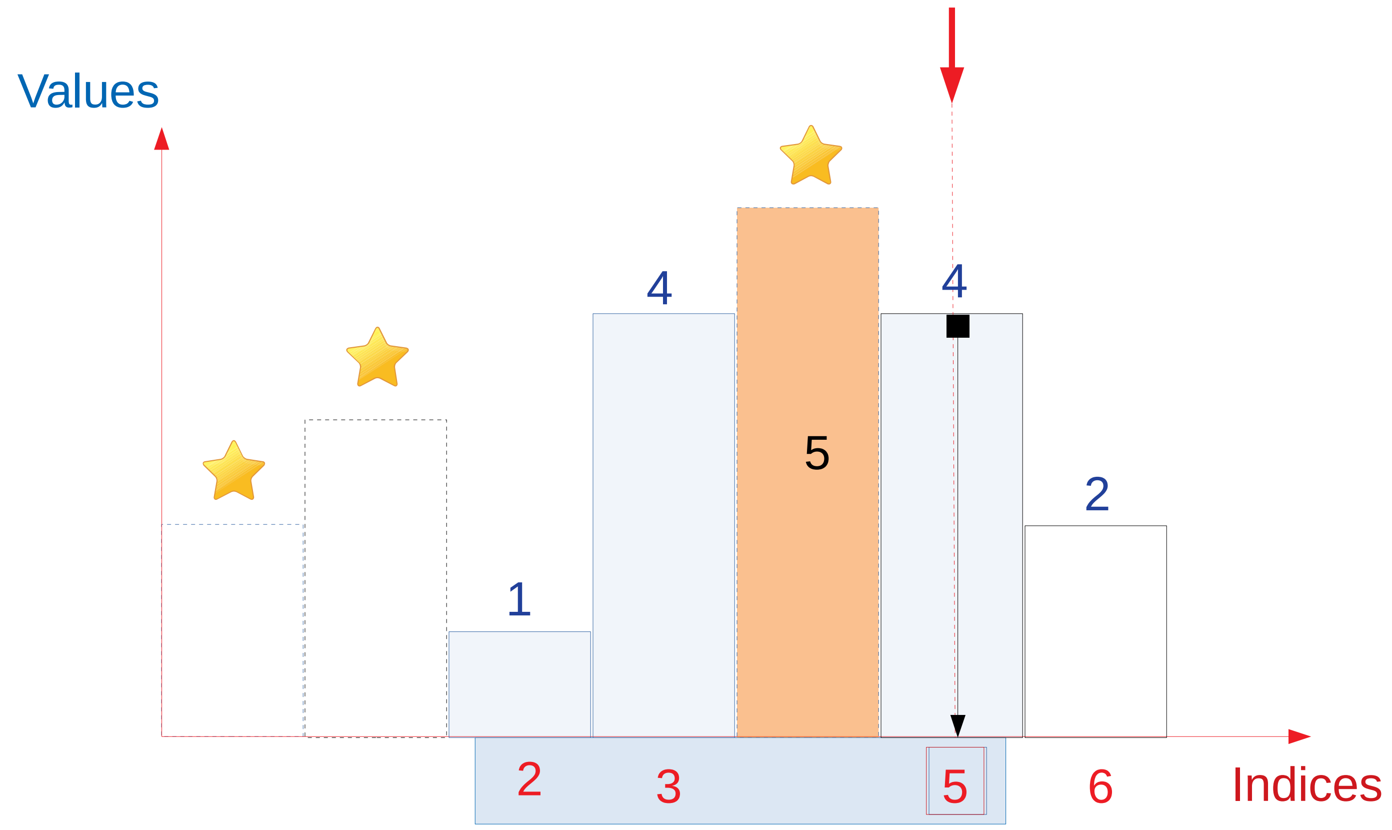
(5-1) – 3 = 1



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
    (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
             (i if isEmpty(s)
                else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
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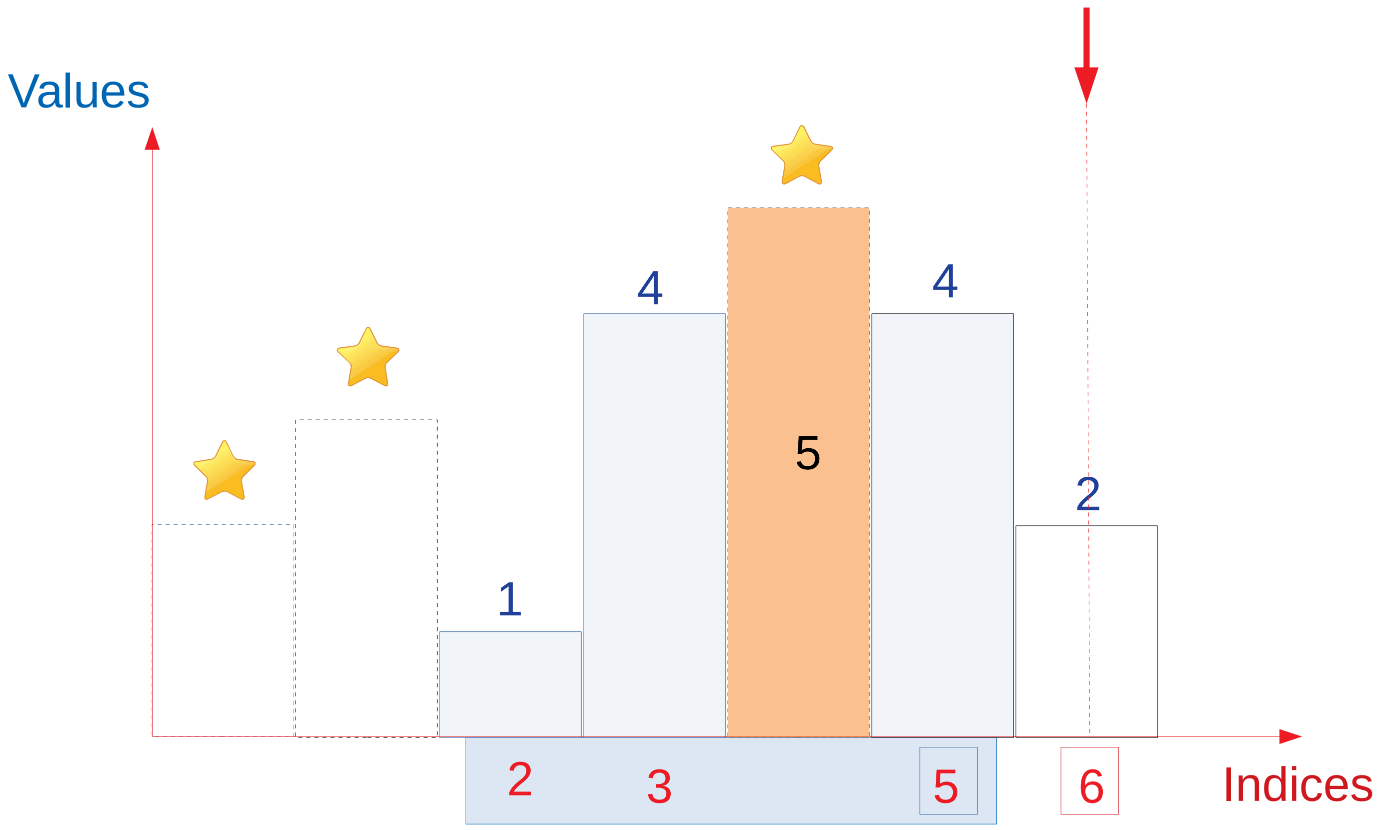
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
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        if (i < len_hist) and
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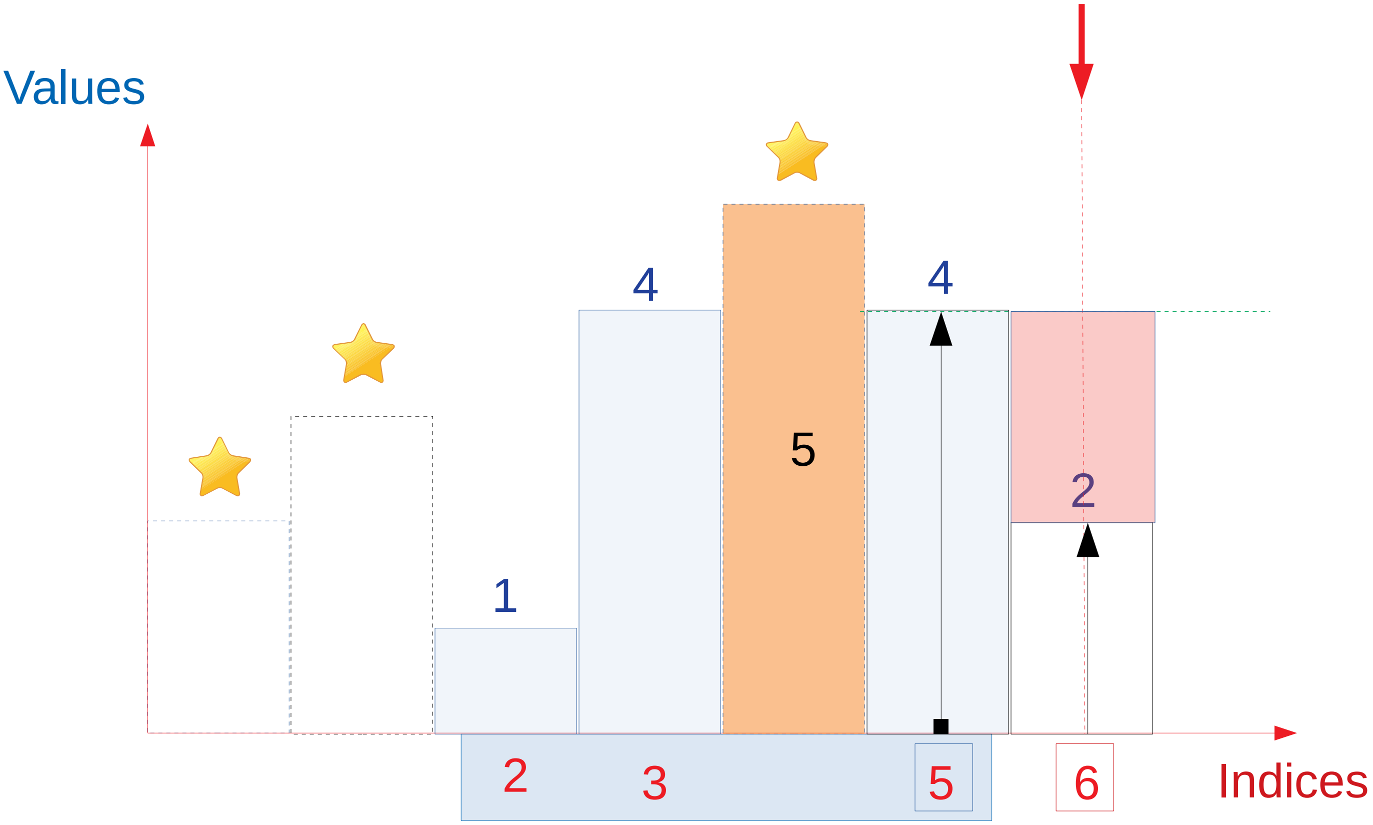
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
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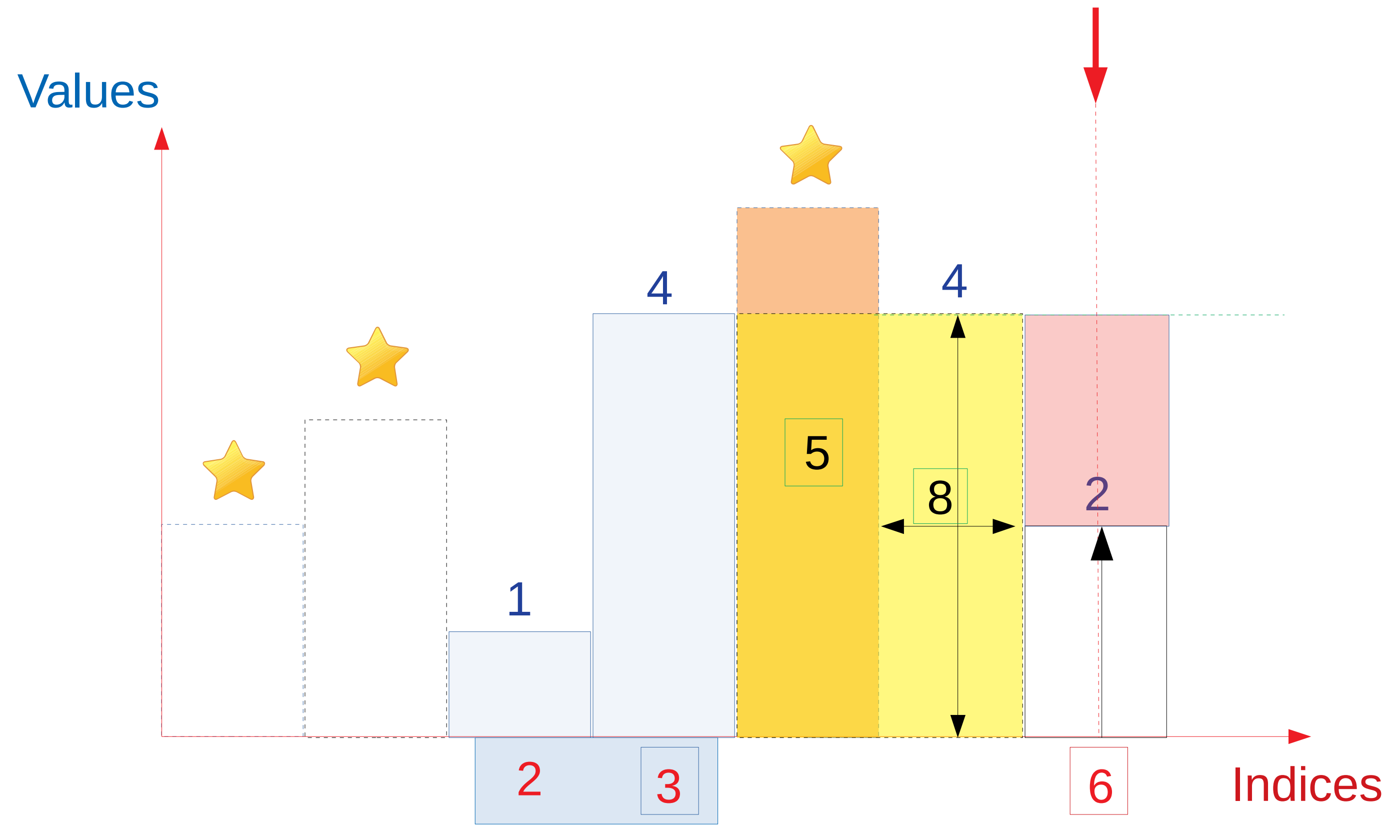
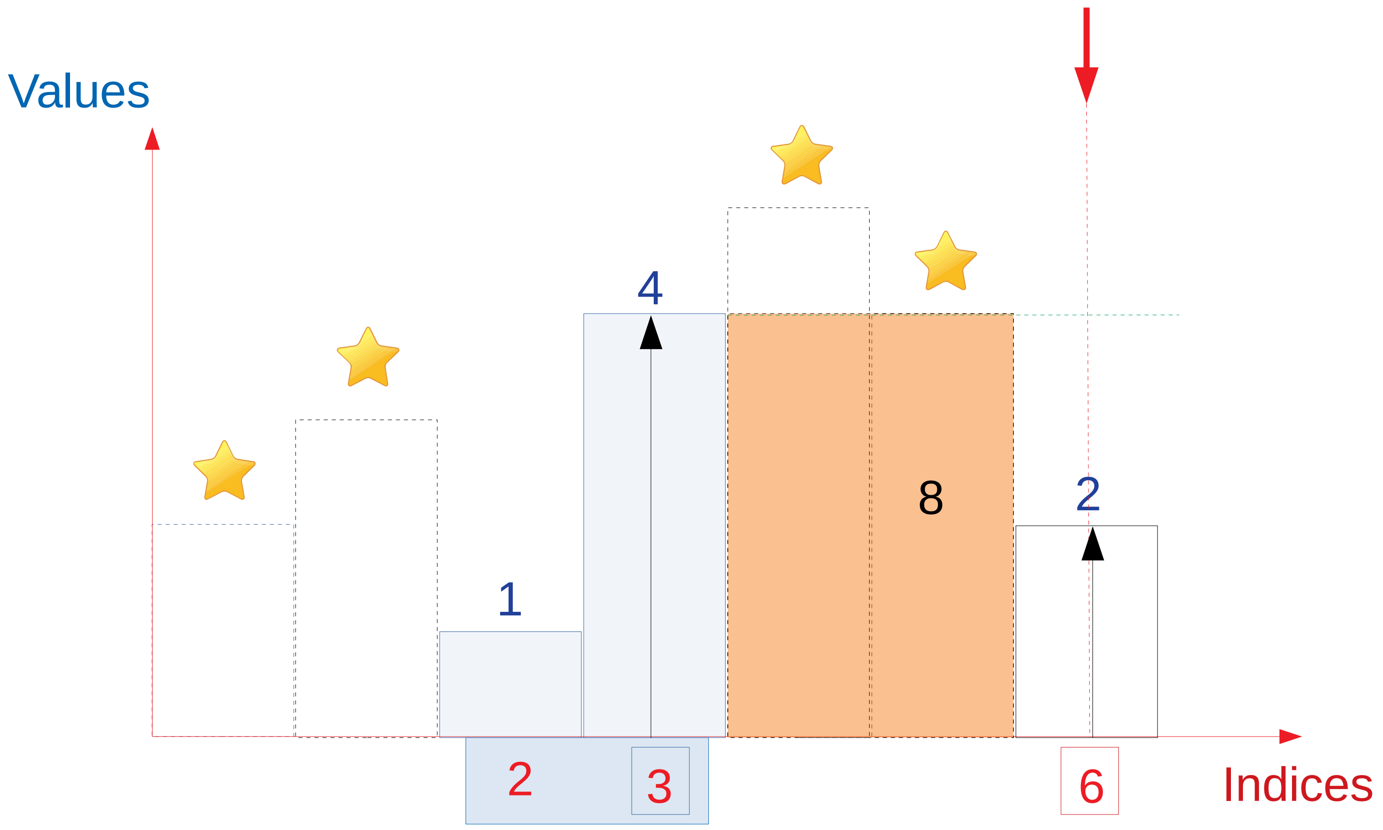
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```

4

(6-1) – 3 = 2



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
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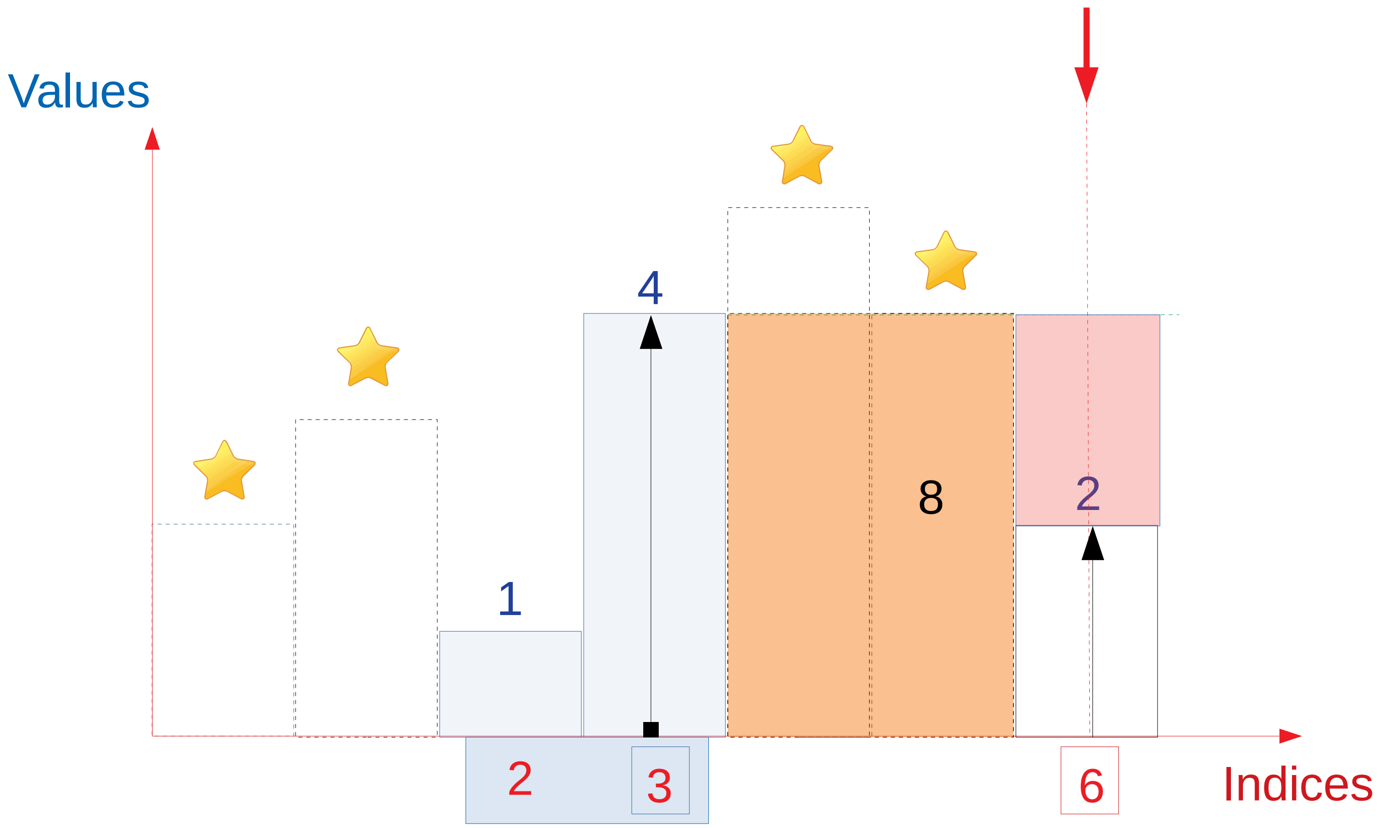
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
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            s.append(i)
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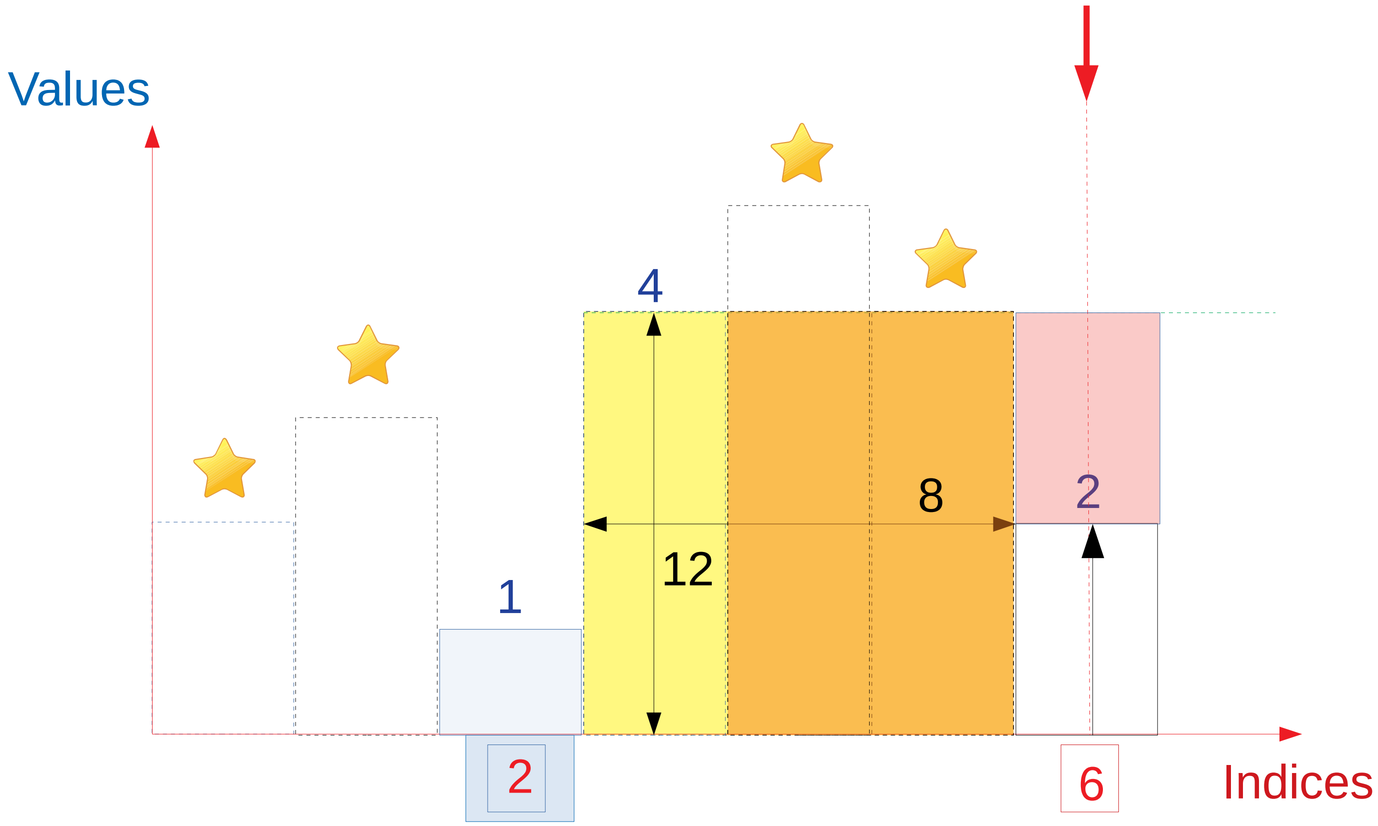
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
             (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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    max_area = 0
    i = 0
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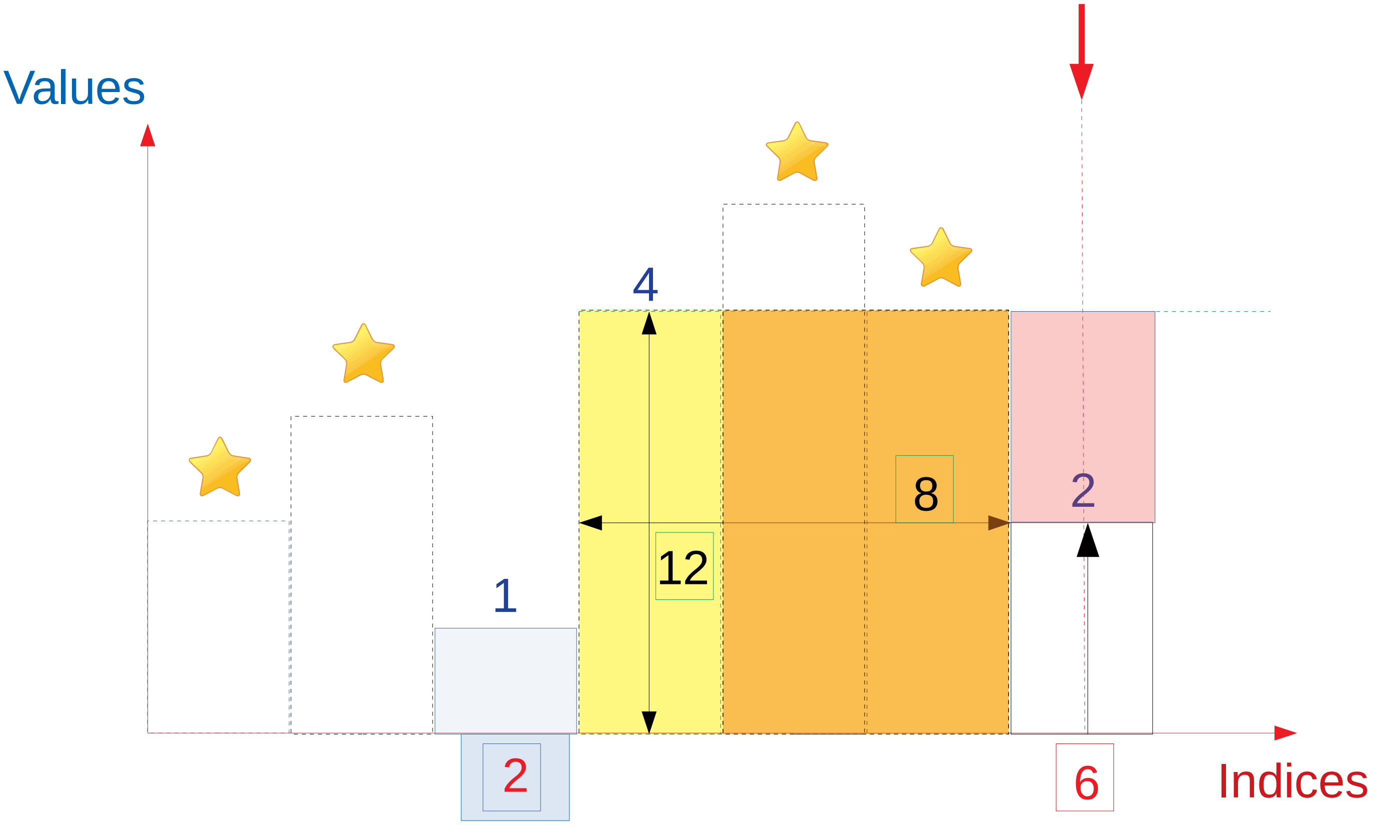
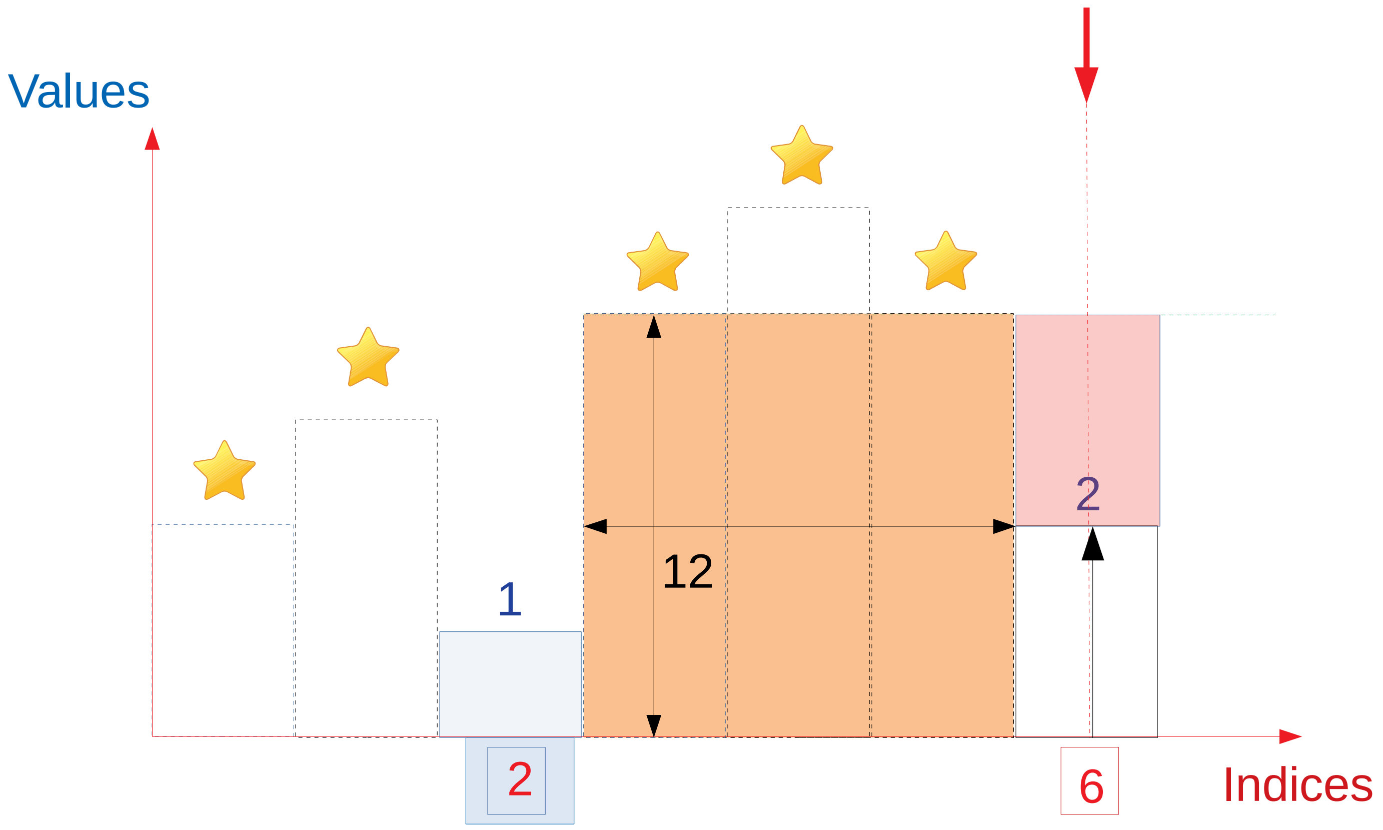
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
             (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```

4

(6-1) – 2 = 3



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
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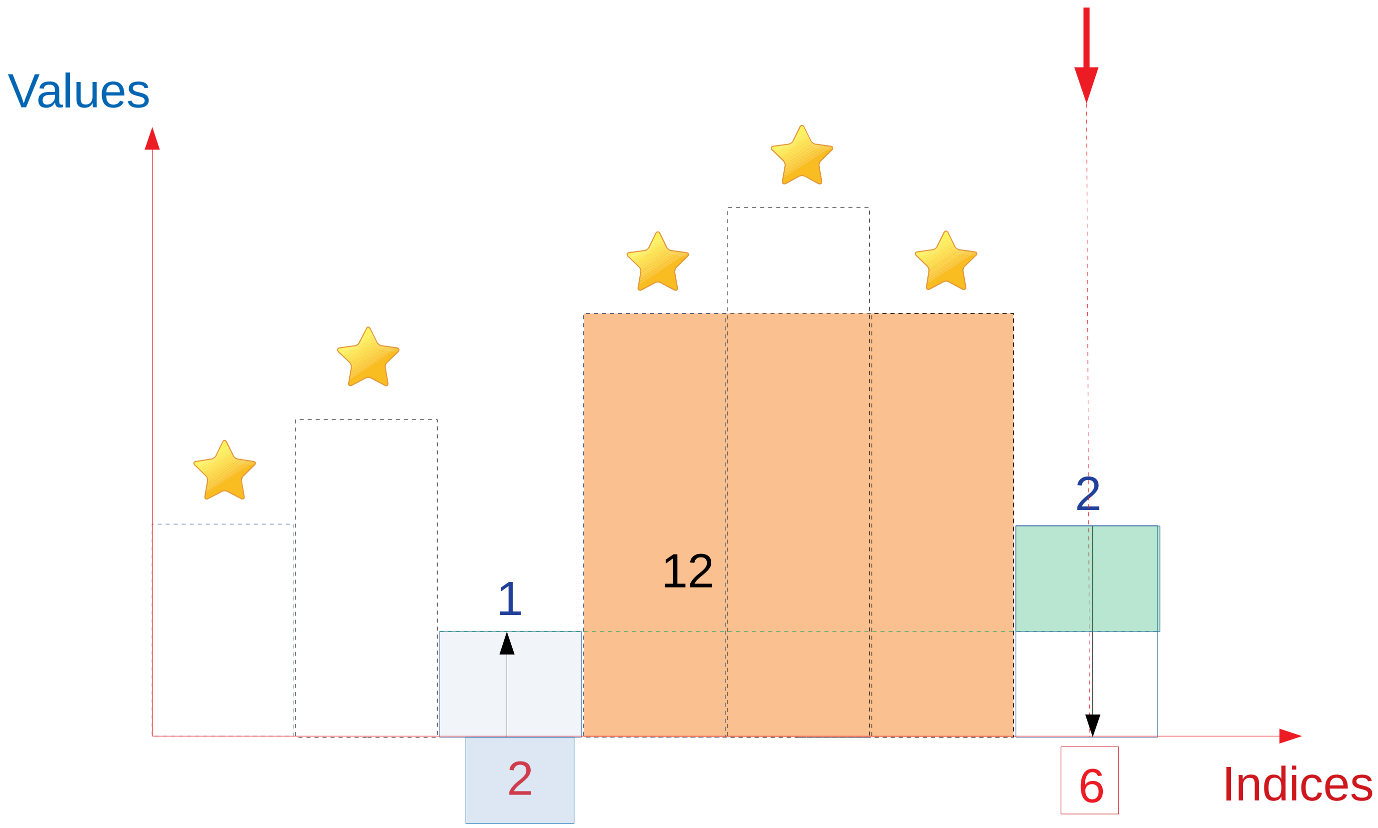
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
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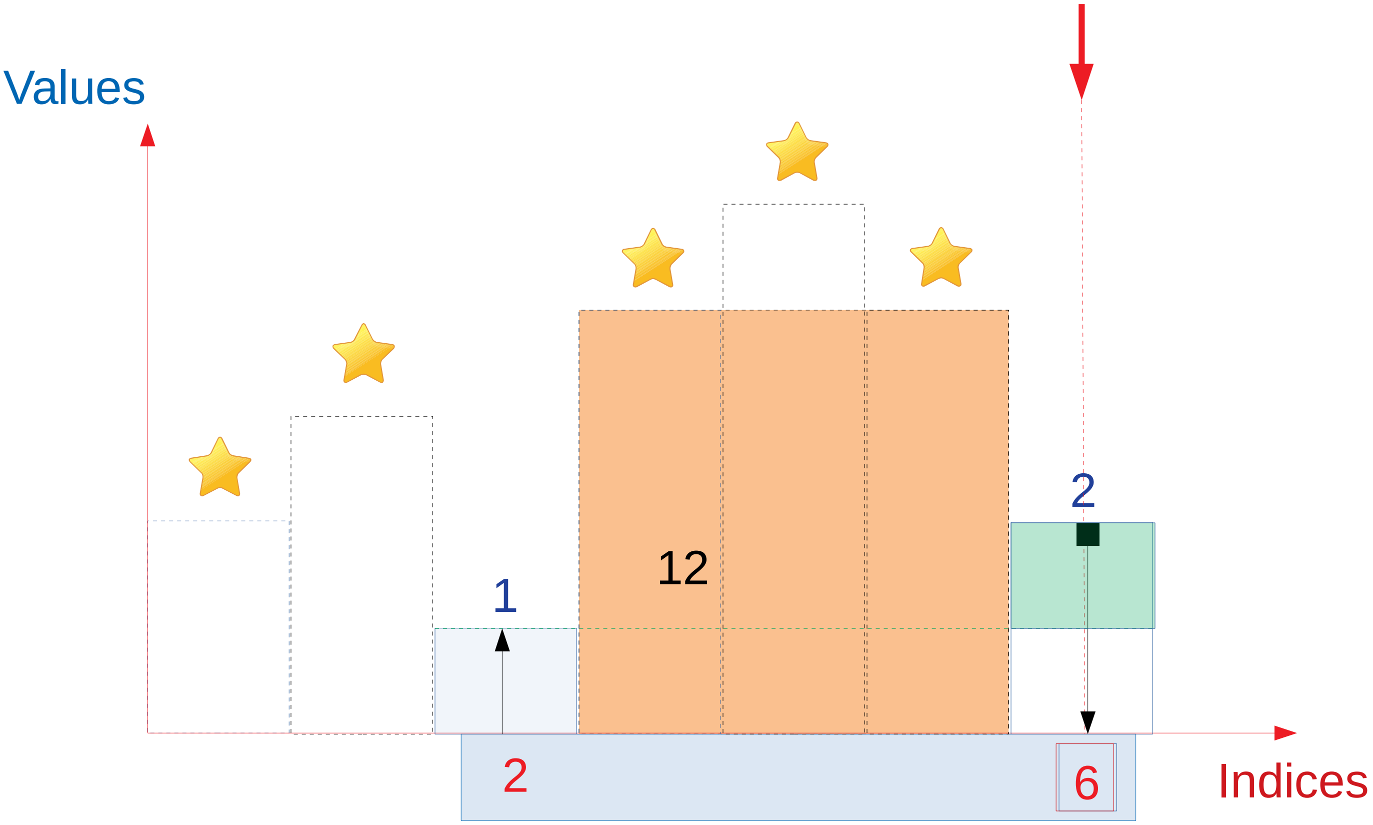
             (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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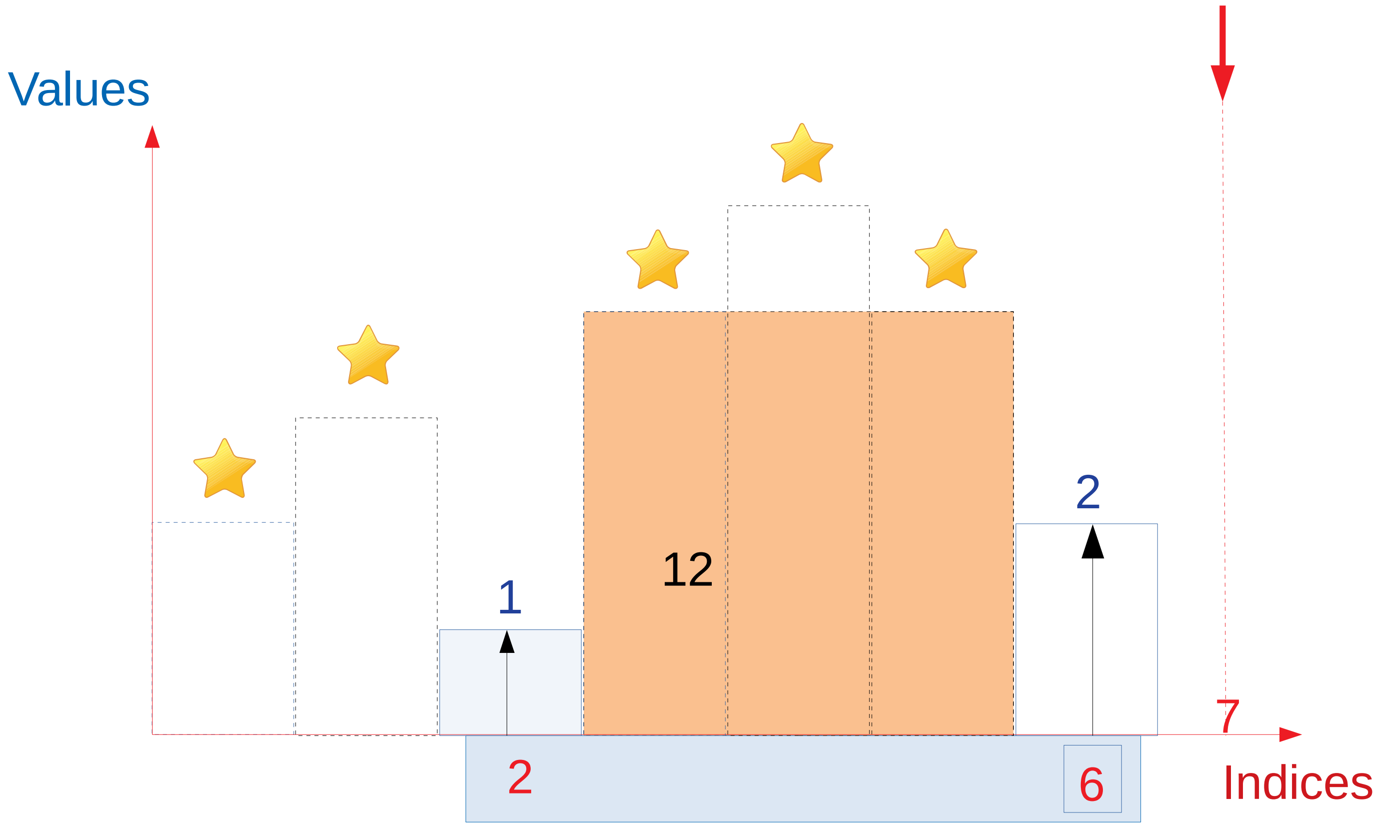
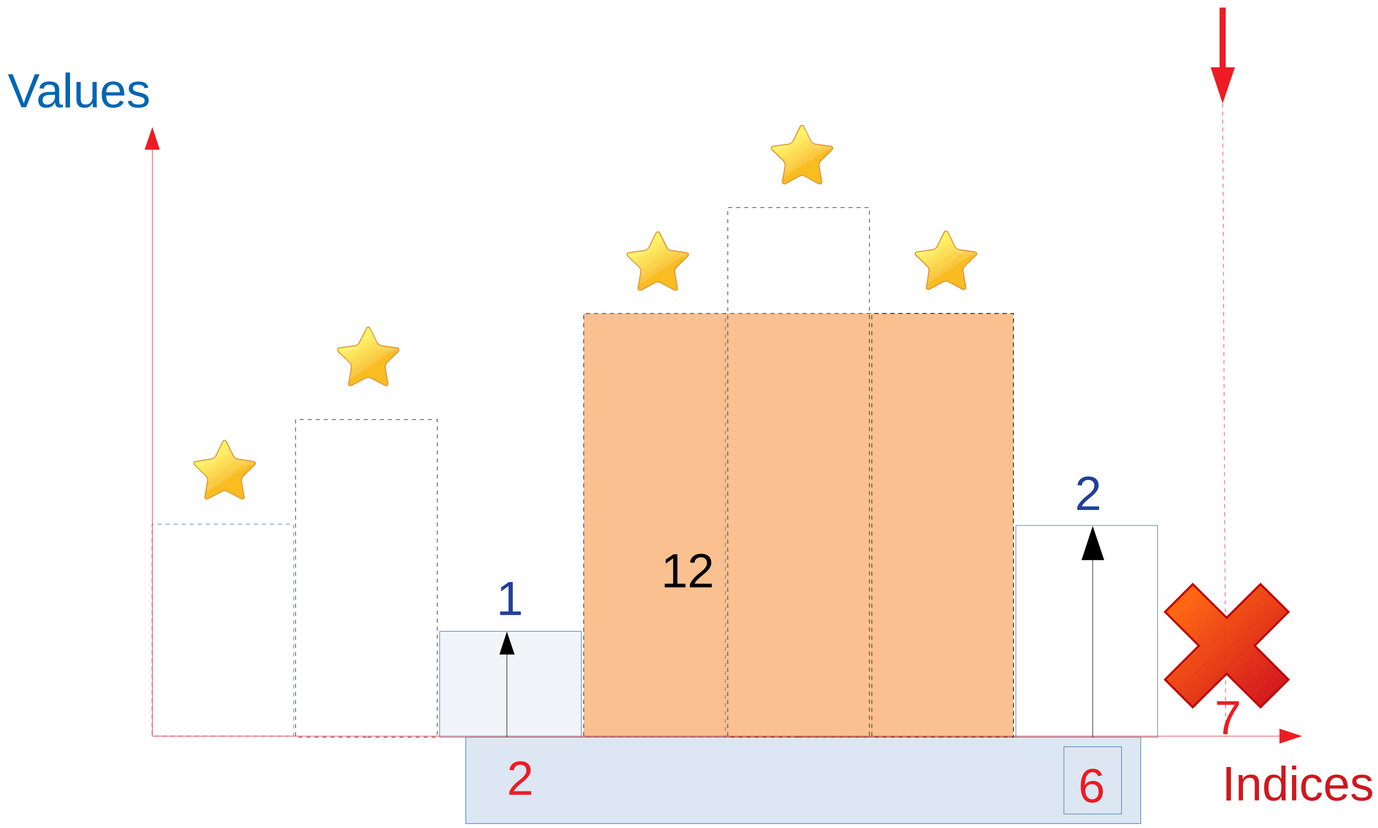
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
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            tp = s.pop()
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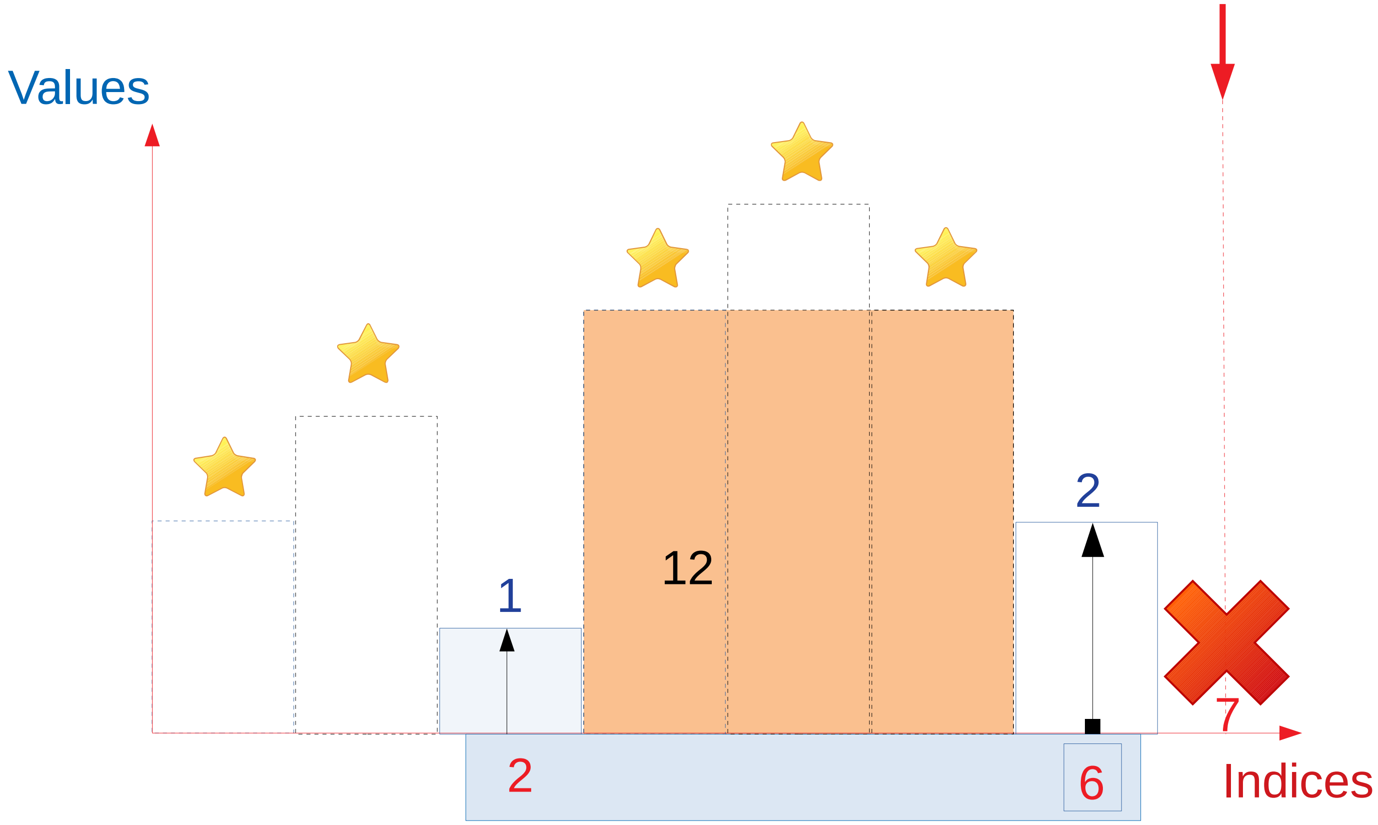
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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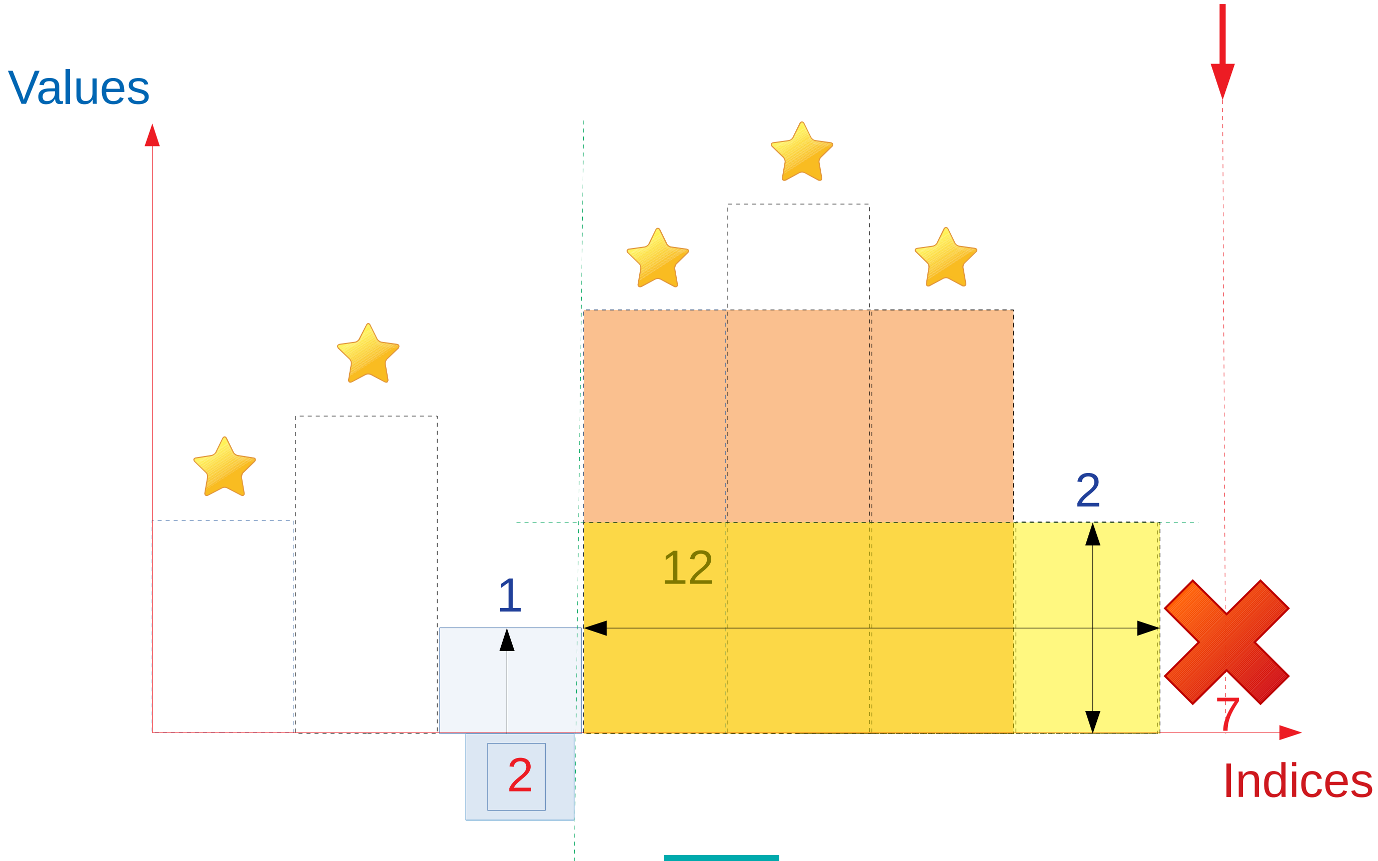
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                  else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
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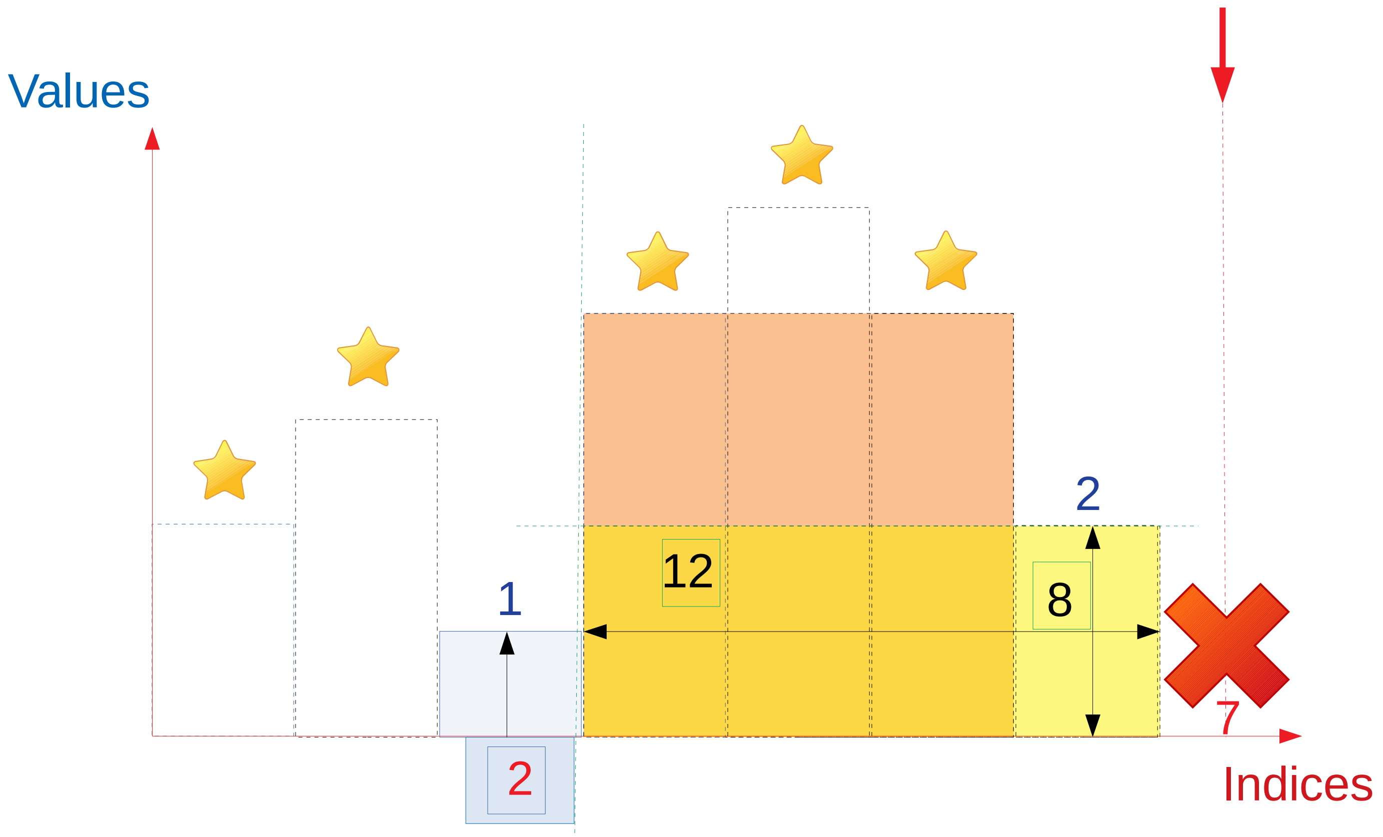
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```

2

(7-1) – 2 = 4



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
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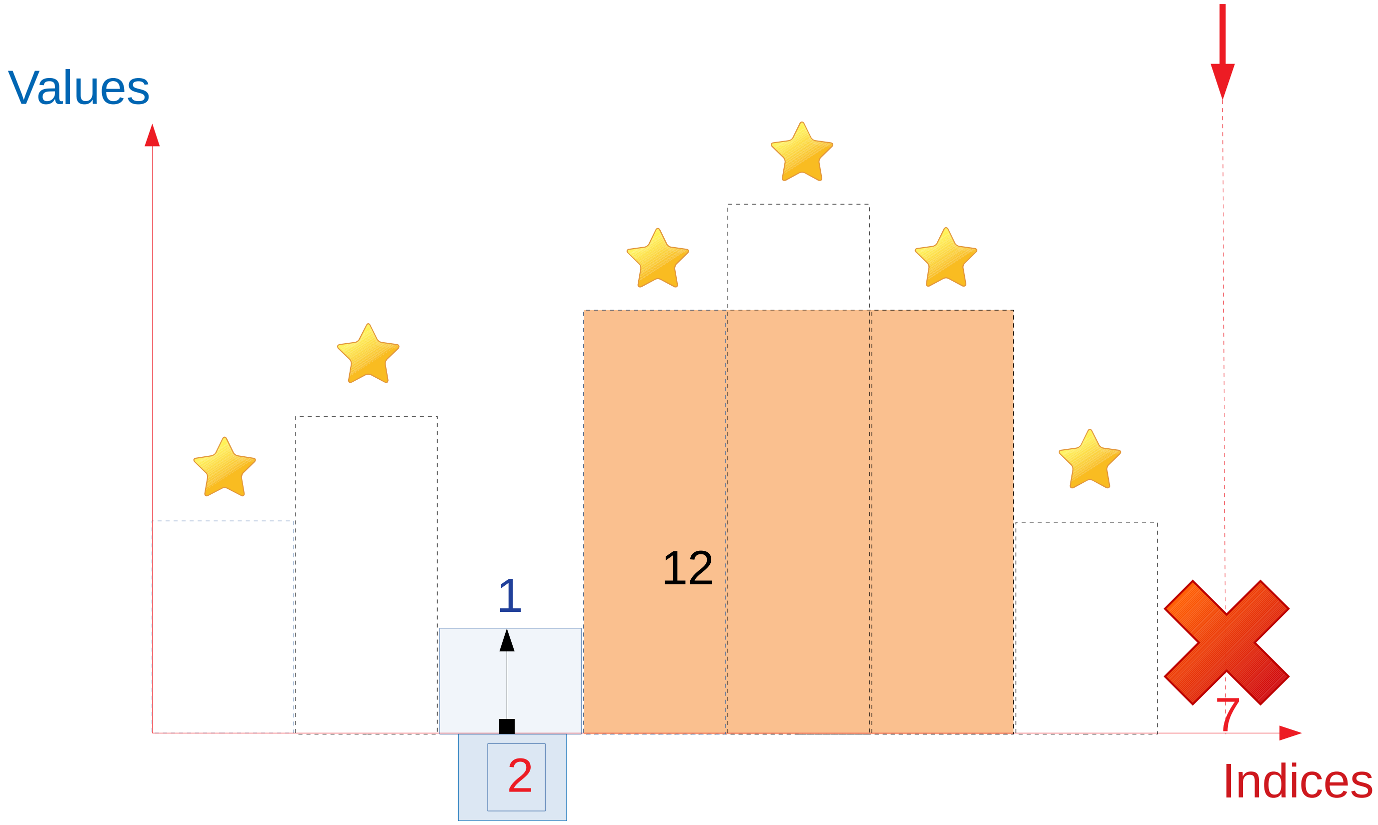
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```

2

(7-1) – 2 = 4



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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    max_area = 0
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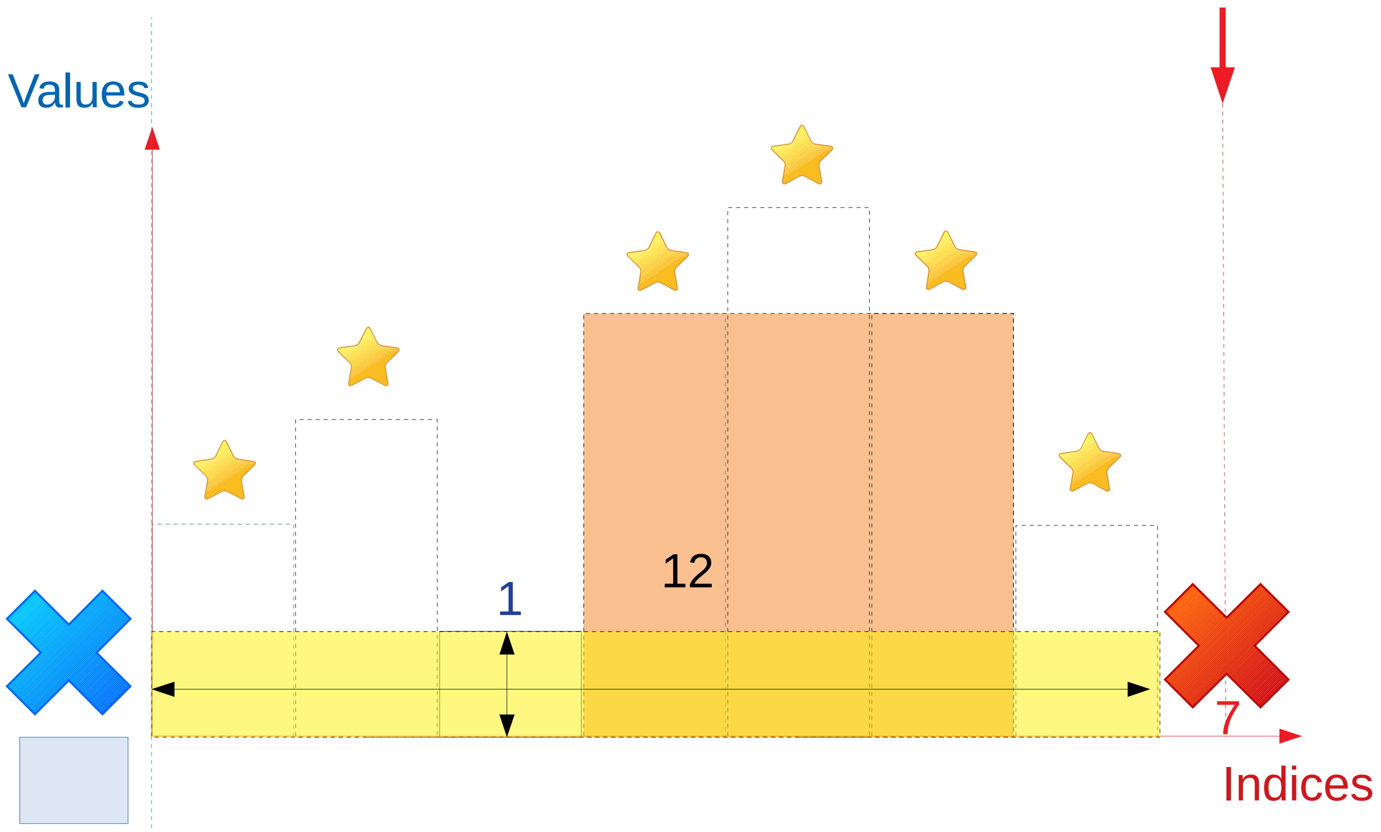
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
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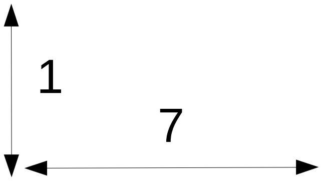
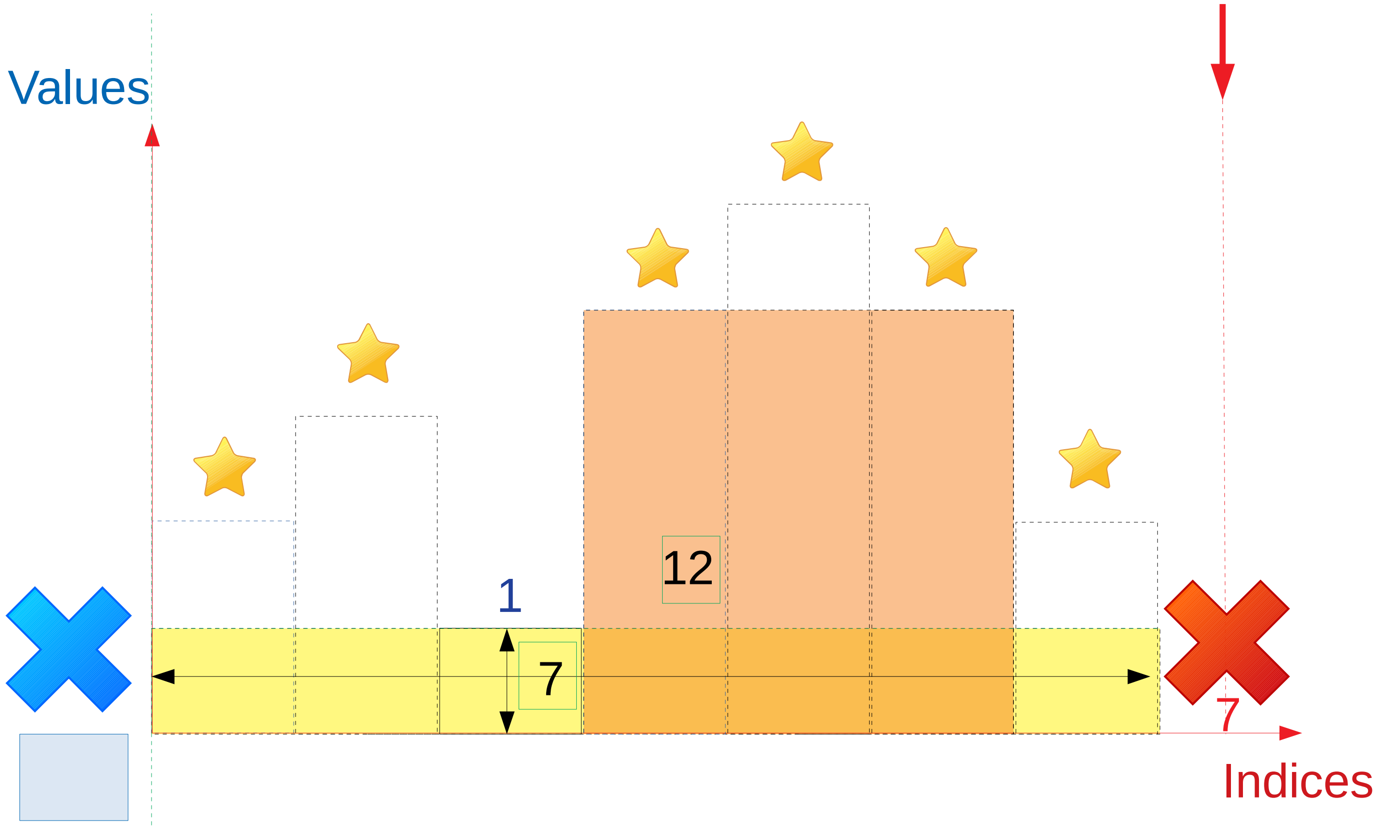
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```





```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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            s.append(i)
            i += 1
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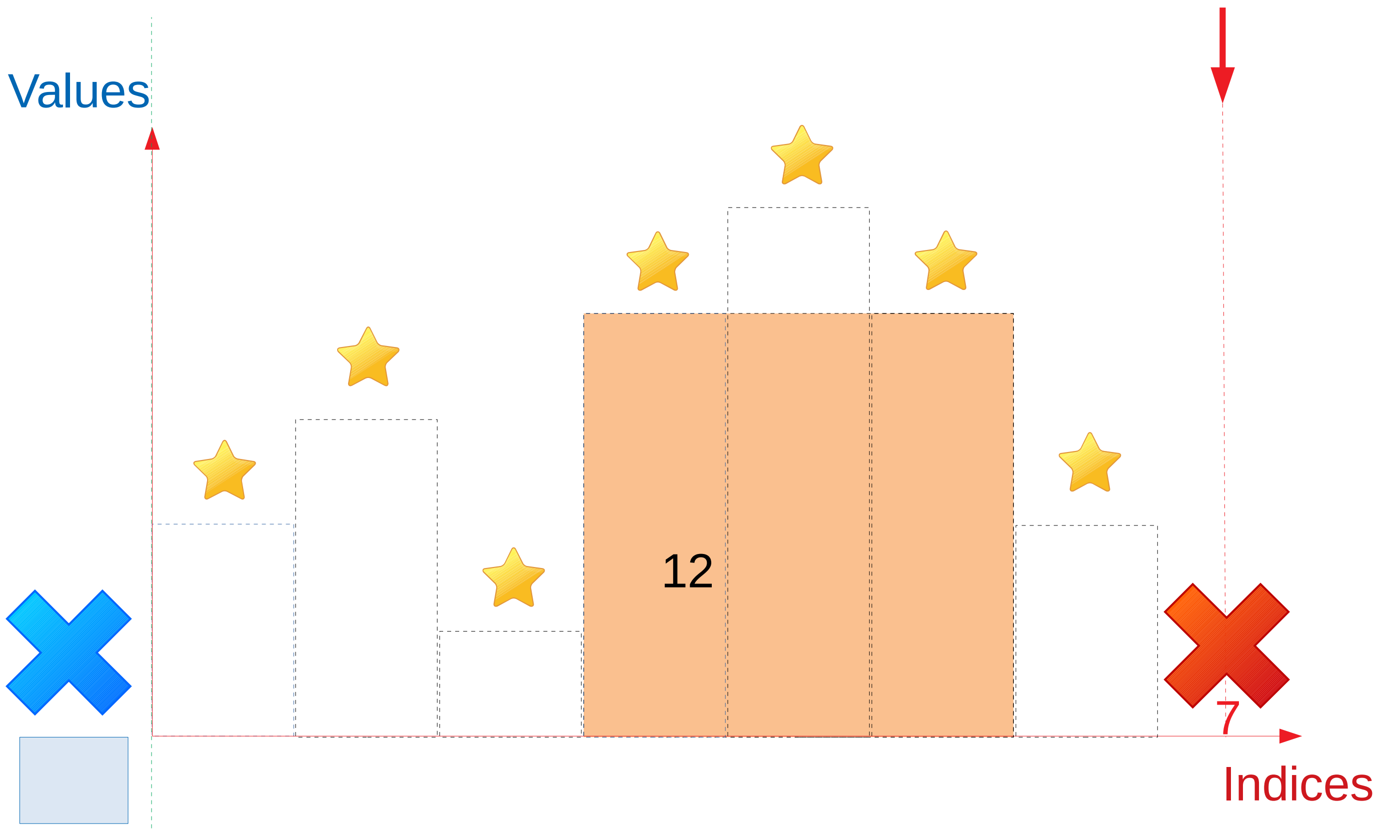
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
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    max_area = 0
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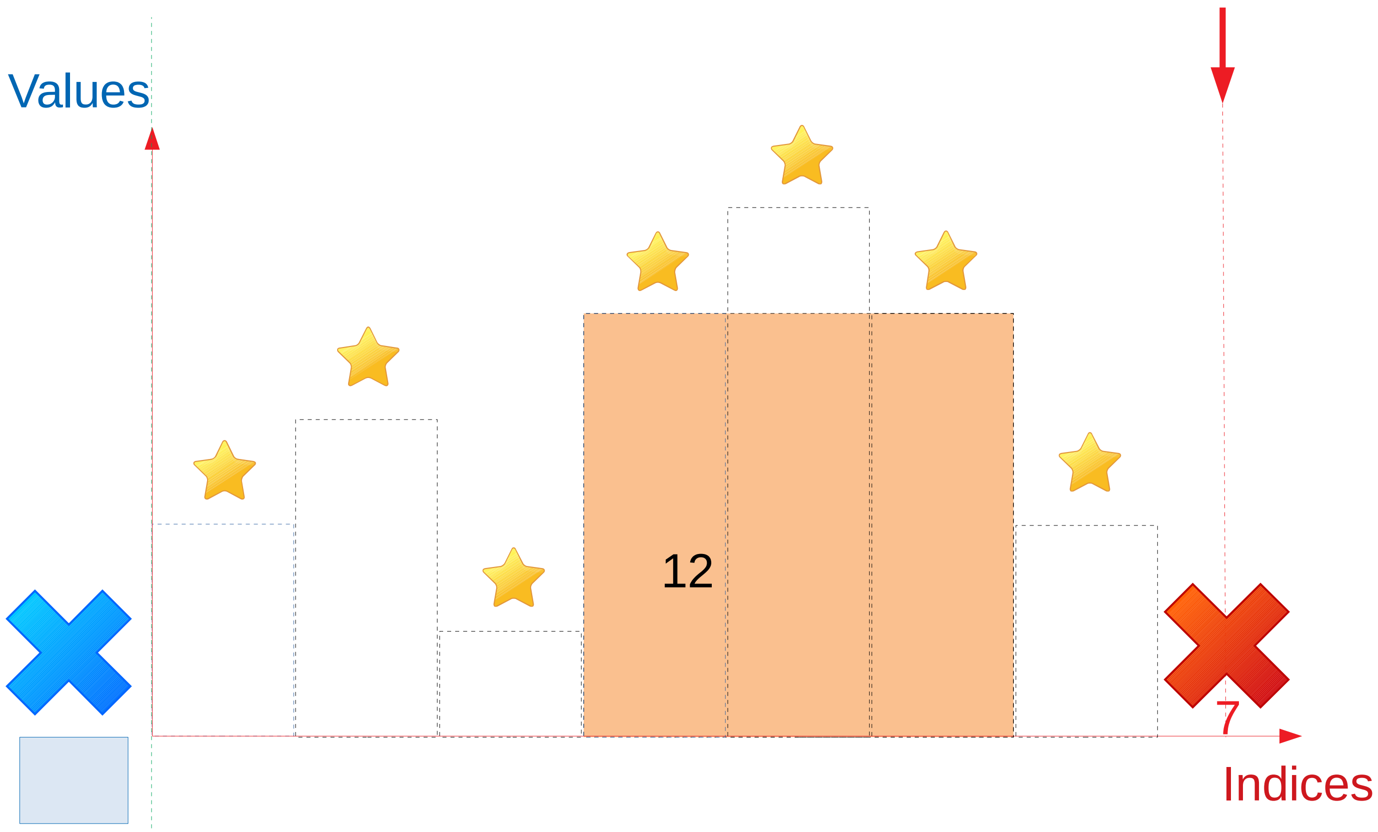
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```



```
def getMaxAreaFromHisto(hist: List[Any]) -> int:
    len_hist = len(hist)
    s = []  # type: List[Any]
    max_area = 0
    i = 0
    while (i < len_hist) or isNotEmpty(s):
        if (i < len_hist) and
       (isEmpty(s) or hist[getTop(s)] <= hist[i]):
            s.append(i)
            i += 1
        else:
            tp = s.pop()
            area_with_top = hist[tp] *
              (i if isEmpty(s)
                 else (i - 1) - getTop(s))
            max_area = max(max_area, area_with_top)
    return max_area
```