

```
for (i in a)
  for (j in b)
    if (r = t.call(a[i], a[j], r === 1) break)
  } else
    for (i in a)
      if (r = t.call(a[i], a[j], r === 1) break)
} else if (a) {
  for (i = 1; i <= a)
    if (r = t.call(a[i], i, a[i], r === 1) break)
} else
  for (i in a)
    if (r = t.call(a[i], i, a[i], r === 1) break);
};

1.
trim = function(s) {
  return s.trim() || '';
};

2.
function(x) {
  return s.trim() || (x + '').replace(/ /g, '');
};

3.
function(a, b) {
  var s = a || b;
  return s ? a : b;
};

4.
function(a, b, c) {
  if (a)
    return a;
  if (b)
    return b;
  if (c)
    return c;
  return a || b || c;
};
```

מה מחשבים יודעים לעשות?



שעת הקו



שעת הקוד

שעת הקוד 2019

שעת הקוד פעילויות

שעת הקוד 2018

שעת הקוד הישראלי

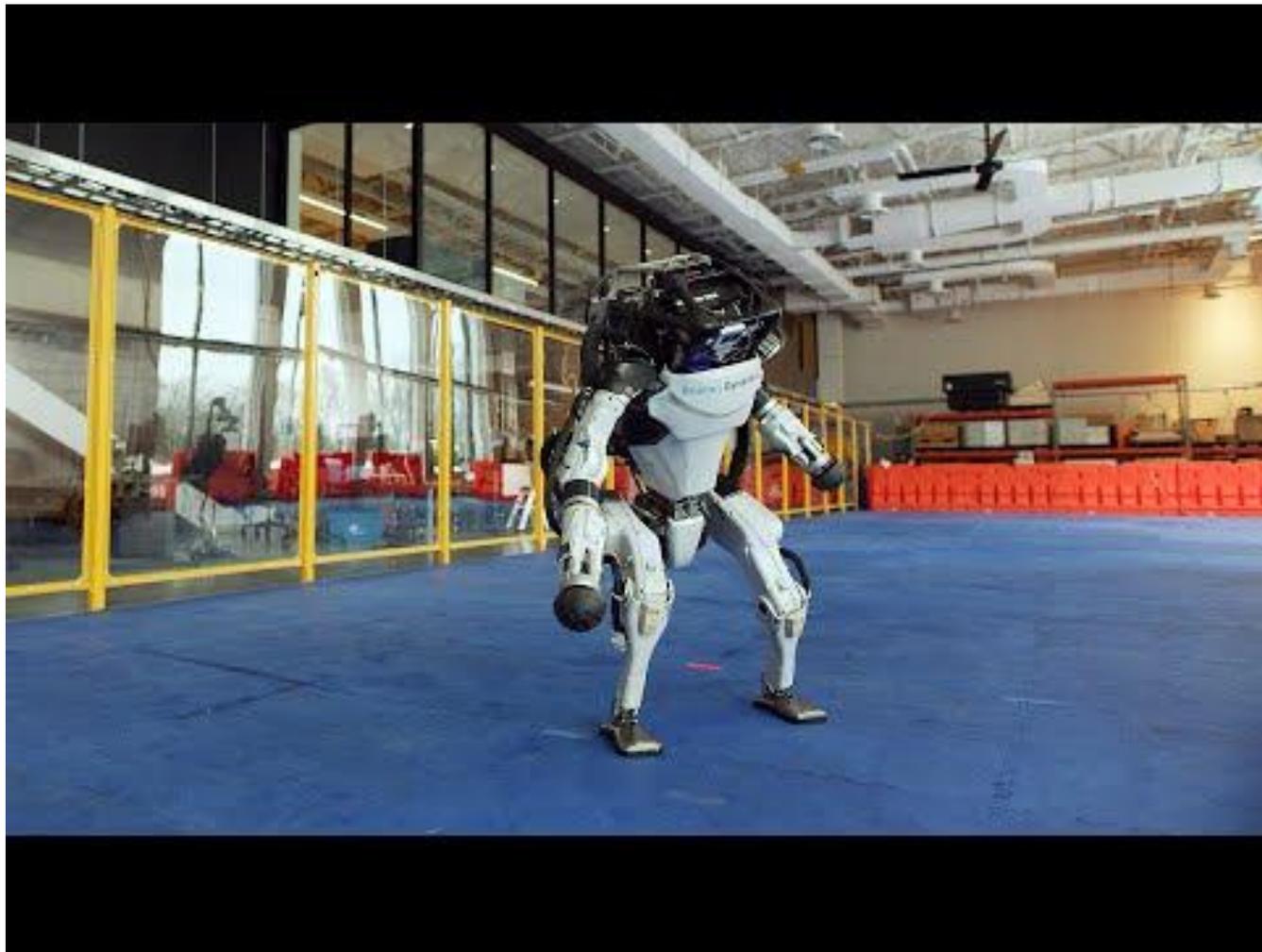
שעת הקוד ישראל

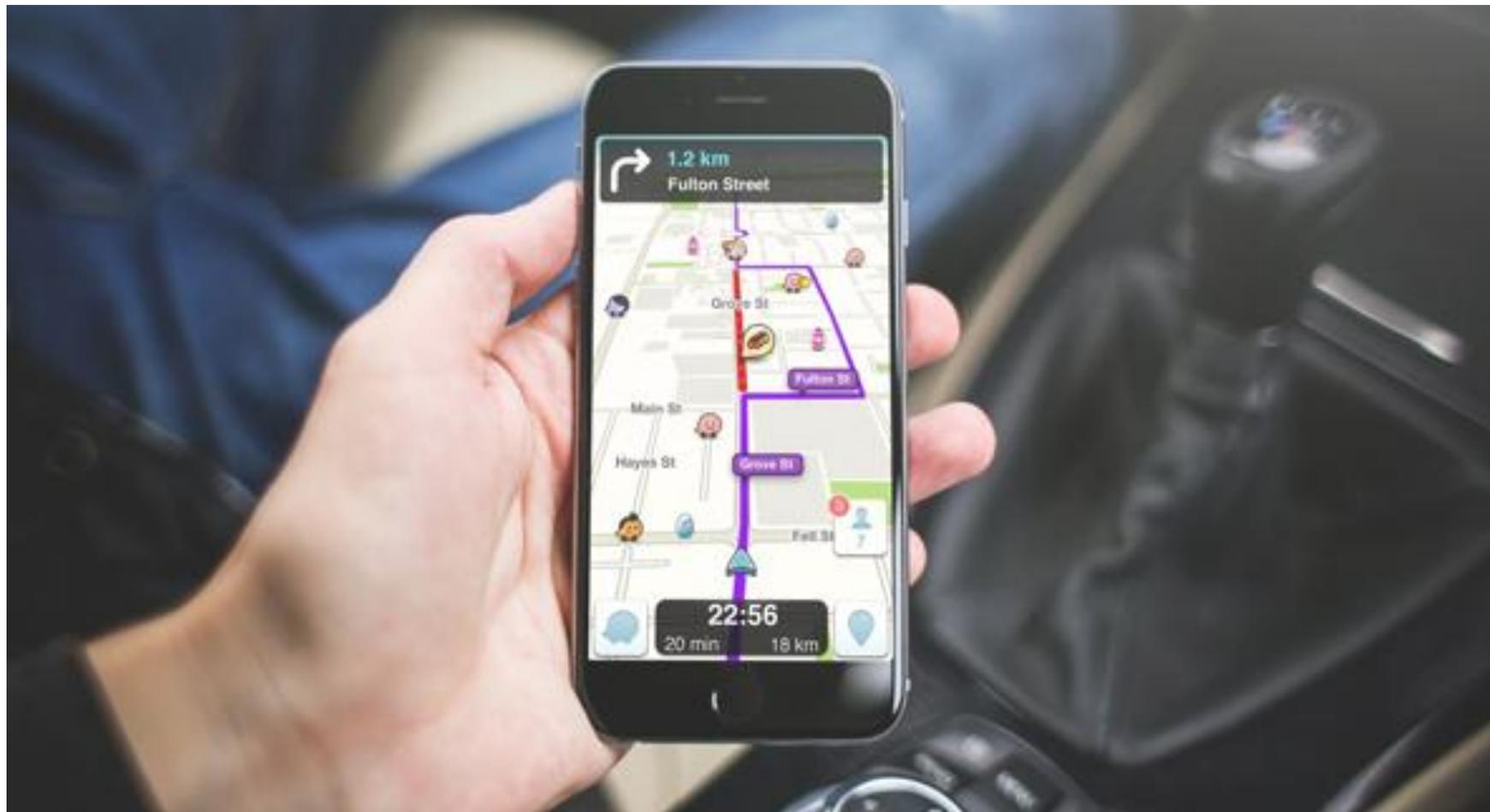
שעת הקוקטייל

שעת הקוף

Google Search

I'm Feeling Lucky







MINECRAFT





Q: What is your favorite animal?

A: My favorite animal is a dog.

Q: Why?

A: Because dogs are loyal and friendly.

Q: What are two reasons that a dog might be in a bad mood?

A: Two reasons that a dog might be in a bad mood are if it is hungry or if it is hot.

Q: How many eyes does a giraffe have?

A: A giraffe has two eyes.

Q: How many legs does a frog have?

A: A frog has four legs.

Q: Are there any animals with three legs?

A: No, there are no animals with three legs.

Q: Why don't animals have three legs?

A: Animals don't have three legs because they would fall over.

מה הייתם רוצים ורוצות שמחשבים ידעו לעשות?

```
for (let i = 0; i < arr.length; i++) {
  if (arr[i] === 0) continue;
}

for (let i = 0; i < arr.length; i++) {
  if (arr[i] === 0) continue;
}

return arr;
}

function merge(arr1, arr2) {
  let result = [];
  let i = 0;
  let j = 0;

  while (i < arr1.length || j < arr2.length) {
    if (i === arr1.length) {
      result.push(...arr2.slice(j));
      break;
    }
    if (j === arr2.length) {
      result.push(...arr1.slice(i));
      break;
    }
    if (arr1[i] < arr2[j]) {
      result.push(arr1[i]);
      i++;
    } else {
      result.push(arr2[j]);
      j++;
    }
  }

  return result;
}

function mergeSort(arr) {
  if (arr.length <= 1) return arr;

  let mid = Math.floor(arr.length / 2);
  let left = mergeSort(arr.slice(0, mid));
  let right = mergeSort(arr.slice(mid, arr.length));

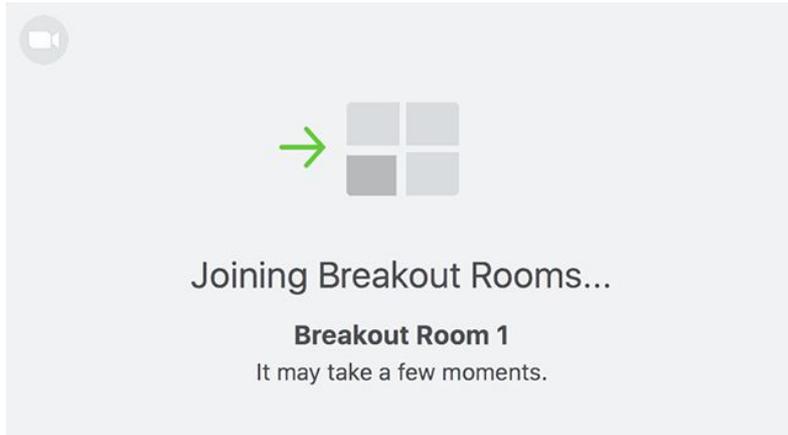
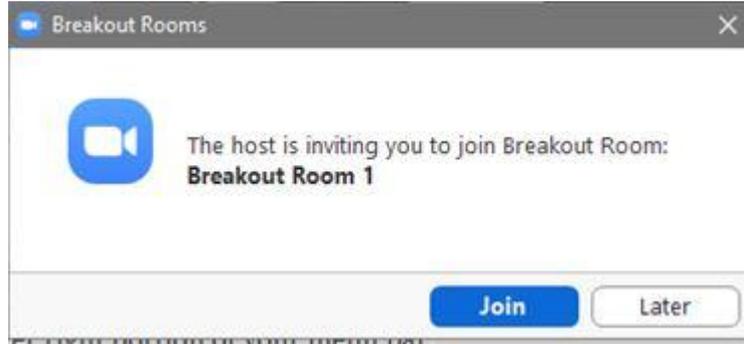
  return merge(left, right);
}

// Example usage
let arr = [4, 3, 2, 1];
let sortedArr = mergeSort(arr);
console.log(sortedArr); // [1, 2, 3, 4]
```

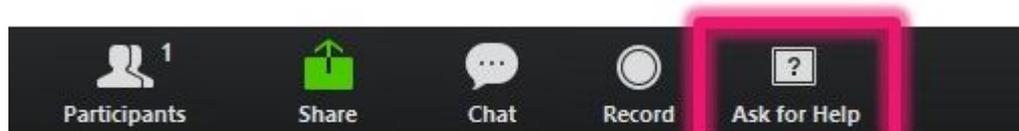
אז מה נעשה היום?

```
8 sorter :: [Int] -> [Int]
9 sorter (x:[]) = [x]
10 sorter xs    = merger $ sorter fh ++ sorter sh
11   |> where (fh, sh) = split xs
12
13 merger :: [Int] -> [Int]
14 merger xs = bitonicSorter fh ++ bitonicSorter sh
15   |> where (fh, sh) = split $ reverseHC xs
16
17 reverseHC :: [Int] -> [Int]
18 reverseHC xs = f ++ reverse s
19   |> where (fh, sh) = split xs
20   |>       (f,s)    = split $ halfCleaner $ fh ++ (reverse sh)
21
22 bitonicSorter :: [Int] -> [Int]
23 bitonicSorter (x:[]) = [x]
24 bitonicSorter xs    = bitonicSorter fh ++ bitonicSorter sh
25   |> where (fh, sh) = split $ halfCleaner xs
```

שימוש בחדרים בזום

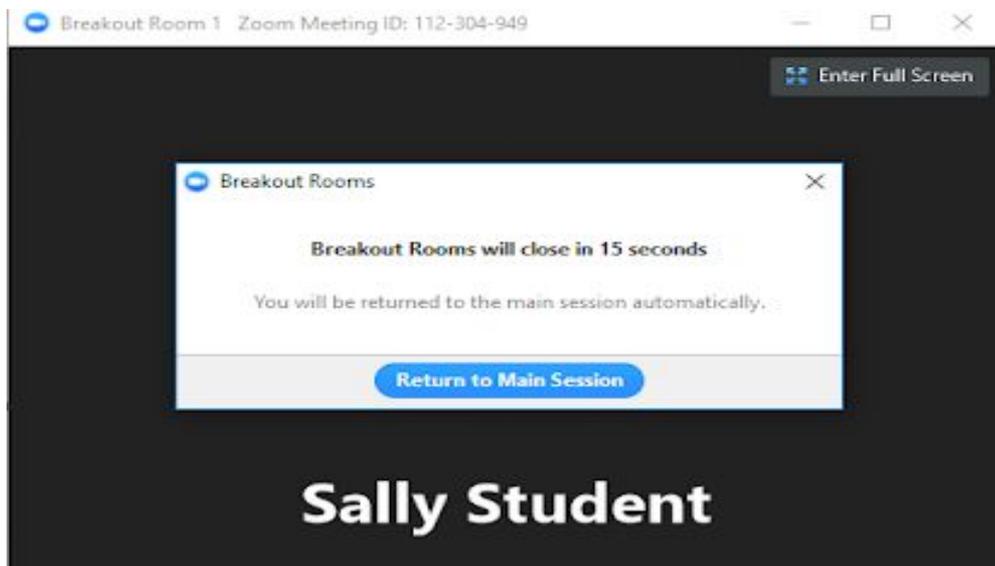


- 3 ילדים/ילדות בחדר - איך נכנסים?
- אפשר לחלוק מסך ולהתייעץ
- נעבור בין החדרים ונסייע
- אפשר לקרוא לעזרה
- בסיום הפעילות נחזור למליאה



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הדגמה