What are 5 major types of computational thinking

Structured problem solving, problem decomposition, pattern recognition, generalization and abstraction

44.Max

```
int max_value(int a[], int array_size)
{
int max=-1;
for (int i=0; i<array_size; i++)
{
If (a[i] > max)
max=a[i];
}
return max;
}
Int do_something()
{
Int a[]= {3, 2,4, 8,5, 6};
Int size= 6, max;
Max=max_value(a,size)
Return(0);
}
```

45.Sum

```
Int summation (int a [], int array_size)
{
int sum=0;
for (int i=0; i<array_size; i++)
```

```
sum = sum + a[i];
{
Return sum;
}



}
Int main()
{
Int a[]= {3,2,4,8,5,6}
Int size=6, sum;
Sum=summation(a,size);
Return(0);
}
```