

std::string ConvertNumberToBase(uint64_t number, uint8_t base)

```
char symbols[] = {'0','1','2','3','4','5','6','7','8','9','A','B','C','D','E','F'};
```

```
std::vector<uint8_t> vec;  
uint64_t rest;  
std::string result;
```

```
while (true)
```

```
    rest = number % base;  
    number = number / base;  
    vec.push_back(rest);
```

(number \leq 0)

T

F

```
    break;
```

Ø

```
foreach symbol in vec
```

```
    result = symbols[symbol] + result;
```

```
return result;
```