

```
char # decbin (int d)
{
```

```
    char # res;
```

```
    res = (char #) malloc (17 * sizeof (char));
```

```
    strcpy (res, "00000000000000000");
```

```
    int i = 16;
```

```
    while (i >= 0 && d >= 2)
```

```
    {
```

```
        res[i] = '0' + ((d % 2));
```

```
        d /= 2;
```

```
        i --;
```

```
    }
```

```
    return (res)
```

```
{
```

