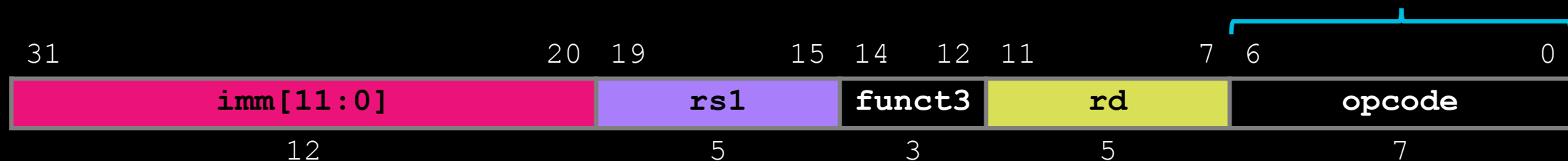


I-Format Instruction Layout: jalr

- `jalr` uses I-Format:

`jalr rd, rs1, imm`

opcode 1100111



Immediate

Source Register

"Destination" Register
gets "return address."
 $rd = PC + 4$

`imm` and `rs1` are added together to update PC.

$$PC = rs1 + imm$$

⚠ Note I-Type!

Unlike B-type, J-type, `jalr` will not multiply `imm` by 2.

- Immediate offset therefore must be written in *units of bytes*.