

HDL codes	Statement weight [value range]	
	$X$	$Z$
1. PORT(CLK: IN BIT; 2. $X$ : IN INTEGER RANGE 15 DOWNT0 0; 3. $Z$ : OUT INTEGER RANGE 15 DOWNT0 0); 4. PROC1: PROCESS(CLK) 5. BEGIN 6.   FOR $X$ IN 0 TO 10 LOOP 7.     IF ( $X < 3$ ) THEN 8. $Z \leq X$ ; 9.     ELSEIF ( $X > 5$ ) THEN 10. $Z \leq 14 - X$ ; 11.     END IF; 12.   END LOOP; 13. END PROCESS PROC1;	/	/
	{1[0,15]}	{1[0,15]}
	{1[0,15]}	{1[0,15]}
	{0.6875[0,10]}	{1[0,15]}
	{0.1875[0,2]}	{0.1875[0,2]}
	{0.6875[0,10]}	{0.1875[0,2]}
	{0.3125[6,10]}	{0.3125[4,8]}
	{0.6875[0,10]}	{0.6875[0,2] U [4,8]}
	{1[0,15]}	{0.6875[0,2] U [4,8]}
	{1[0,15]}	{0.6875[0,2] U [4,8]}