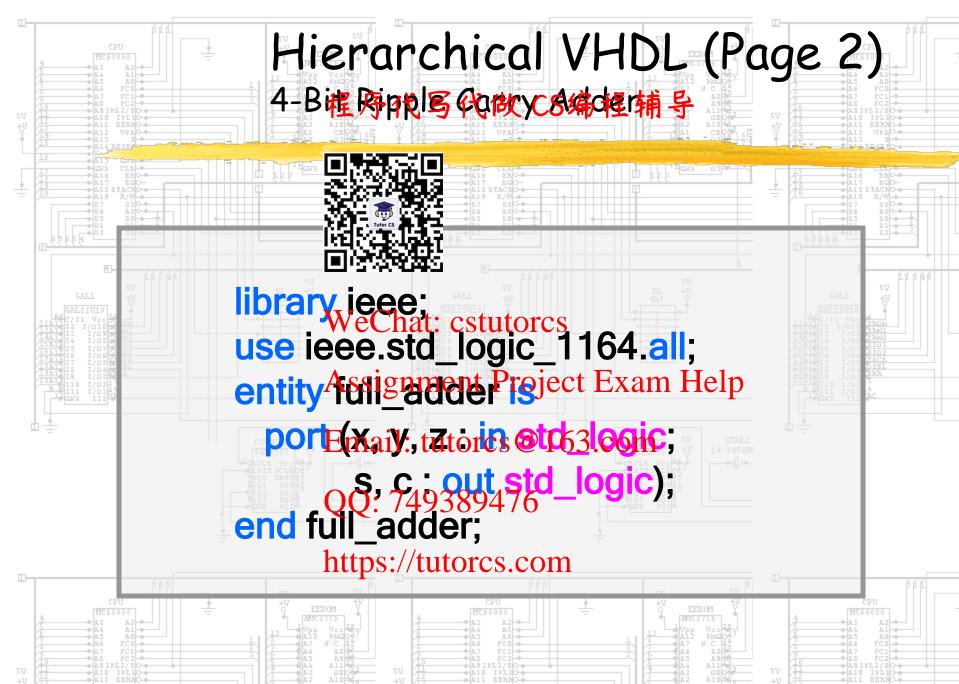


Hierarchical VHDL (Page 1)

4-B裡時間写命飲火CA编煙輔导

```
library ie I : The
use ieee.std_logic_1164.all;
entity hall addertisc stutores
 port (x, y : in std_logic;
sAssignment Project Exam Help
end half_adder;
Email: tutorcs@163.com
architecture dataflow 3 of half_adder is
   s <= x xor y;
https://tutorcs.com
c <= x and y;
end dataflow_3;
```



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Hierarchical VHDL (Page 3)

4-B桂厚ipp厚低破水公编铿辅导

```
architec dataflow_3 of full_adder is
 compc ■ : : : : adder
   port(x, y : in std_logic;
        WeChatsestutores
 end component;
signal Assignment Project Exam Help
  begin
   HA1 Email: tutores@163.com
   port map (x, y, hs, hc);
HA2: half_adder
   port map.(hs.z.s.tc):
c <= tc or hc;
end struc_dataflow_3;
```

Hierarchical VHDL (Page 4) 4-B裡時間写命做YCA编框辅导

library i use ieee.std_logic_1164.all; entity adder_4 is cstutores

port(BAAsiginmetal project vestor (Project vestor);

C400448tdolagic);

end adder_4;

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Hierarchical VHDL (Page 5)

4-Bi程序内写Gartycs编程辅导

```
architectur 1 4 of adder_4 is
 compone
   port(x, y, z: in std_logic;
 end component hat: Cstutorcs
 signal C: std_logic_vector(3 downto 1);
 begin Assignment Project Exam Help
   Bit0: full adder
   port rep (Β(ρ), Α(ρ) CQ & Q) 63.10 m
Bit1: full_adder
   port map (B(1), A(1), C(1), S(1), C(2));
Bit2: full adder 49389476
     port map (B(2), A(2), C(2), S(2), C(3));
   Bit3: full tapeser / tutorcs.com
     port map (B(3), A(3), C(3), S(3), C4);
end structural 4;
```

4-Bit Full Adder Behaviora国的影響時期 al Description library ie use ieee 4.all; use ieee.std_logic_unsigned.all; entity adder a Chat: cstutorcs port(B, A : in std_logic_vector(3 downto 0); Assignment Project Exam Help s: outstd_logic_vector(3 downto 0); C4: out std_logic); end addeE4mtail: tutorcs@163.com architecture behavioral of adder_4_b is signal sum: ed_logic_vector(4 downto 0); begin sum <=1('0' & A) /*/('0' & B) -* ("2000" & C0); C4 <= sum(4); $S \le sum(3 downto 0);$ end behavioral:

Positive Edge-Triggered D Flip-Flop

Processpescr实物的地位的编程辅导



- -- Positive Edge-Triggered D Flip-Flop with Reset:
- -- VHDWPChatscotutorcion

library ieee;

use ie es signogent 1Proziect Exam Help

entity dff is

port Enkikester Com 183. 9896;

end dff, Q: 749389476 end dff, Q: 749389476

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