

ACTIVITY: "Fetch... decode... execute!"

INSTRUCTIONS DECODED

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>1</b>	<b>SORW (IRXU , WZR)</b>	<b>6</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>6</b>	<b>SORW (VHYHQ, IRXU)</b>	<b>18</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>18</b>	<b>SORW (RQH, IRXU)</b>	<b>7</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>7</b>	<b>SORW (VLA, RQH)</b>	<b>2</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>2</b>	<b>SORW (ILYH, VLA)</b>	<b>9</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>9</b>	<b>SORW (WZR, ILYH)</b>	<b>19</b>

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<b>19</b>	<b>SORW (WZR, RQH)</b>	<b>3</b>

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<b>3</b>	<b>SORW (RQH, WZR)</b>	<b>8</b>

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<b>8</b>	<b>SORW (ILYH, RQH)</b>	<b>5</b>

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<b>5</b>	<b>SORW (VLA, ILYH)</b>	<b>20</b>

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<b>20</b>	<b>SORW (WKUHH, VLA)</b>	<b>21</b>

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<b>21</b>	<b>SORW (WKUHH, RQH)</b>	<b>22</b>

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<b>22</b>	<b>SORW (VHYHQ, WKUHH)</b>	<b>23</b>

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<b>23</b>	<b>SORW (RQH, WKUHH)</b>	<b>24</b>

INSTRUCTION AT MEMORY LOCATION	INSTRUCTION TO BE DECODED AND EXECUTED	THE NEXT INSTRUCTION IS AT MEMORY LOCATION... ↓
<b>24</b>	<b>SORW (IRXU, VHYHQ)</b>	<b>25</b>

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<b>25</b>	<b>SORW (VHYHQ, WZR)</b>	<b>26</b>

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<b>26</b>	<b>ZHOO GRQH</b>	<b>27</b>